

Petition No.....



DARLIPALLI SUPER THERMAL POWER STATION STAGE-I

(2X800 MW)

**PETITION FOR APPROVAL OF TARIFF FROM
ANTICIPATED COD OF UNIT-I (i.e. 01.03.2020) to 31.03.2024**

BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO:

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of Darlipalli Super Thermal Power Station Stage-I (2x800 MW) for the period from anticipated date of Commercial Operation of the Unit-I (i.e. 01.03.2020) to 31.03.2024.

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AND
IN THE MATTER OF

Petitioner : NTPC Ltd.
NTPC Bhawan
Core-7, Scope Complex
7, Institutional Area, Lodhi Road
New Delhi-110 003

Respondents:

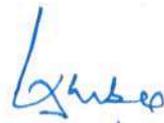
1. Bihar State Power Holding Company Ltd (BSPHCL),
Vidyut Bhawan, Bailey Road
Patna - 800021.
2. North Bihar Power Distribution Company Ltd.,
Vidyut Bhawan, Bailey Road
Patna 800 001
3. South Bihar Power Distribution Company Ltd.,
Vidyut Bhawan, Bailey Road
Patna 800 001
4. Jharkhand Bijlee Vitaran Nigam Ltd.,
Engineering Building, HEC Township,
Dhurwa, Ranchi – 834 004
5. GRIDCO Ltd.,
Janpath,
Bhubaneshwar – 751 022



6. West Bengal State Electricity Distribution Company Ltd.,
Vidyut Bhawan, Bidhannagar, Block DJ,
Sector-II, Salt Lake City,
Kolkata – 700 091
7. Power Department,
Govt. of Sikkim,
Kazi Road, Gangtok, Sikkim – 737 101

The Petitioner humbly states that:

- 1) The Petitioner herein NTPC Ltd., hereinafter called 'NTPC', is a Government Company within the meaning of the Companies Act, 1956. Further, it is a 'Generating Company' as defined under Section 2(28) of the Electricity Act, 2003.
- 2) The Petitioner is having various power stations/projects throughout the country. Darlipalli Super Thermal Power Station Stage-I (hereinafter referred as 'Darlipalli STPS-I') is one such project of the Petitioner located in Sundargarh district of Odisha .Unit#1 of Darlipalli STPS-I has been commissioned and anticipated to be declared under commercial operation w.e.f. 01.03.2020.
- 3) The power generated from Darlipalli Super Thermal Power Station Stage-I (2X800 MW) shall be supplied to the respondents mentioned hereinabove. Further, the Ministry of Power, Government of India vide its allocation letter dtd. 16.08.2016, has allocated the power generated from this station amongst beneficiaries located in the electrically connected Eastern Region. A copy of the letter is enclosed at **Annexure-A**.
- 4) The investment approval of the Darlipalli STPS-I project was accorded by NTPC Board at its 402nd meeting held on 16.01.2014, subject to MOEF clearance, at a project cost of Rs. 13740.53 Crs at a price level of 4th Qtr 2013. MOEF clearance was accorded on 17.02.2014. Accordingly, the zero



date of the project is 17.02.2014. A copy of the NTPC Board approval is enclosed at **Annexure-B**.

- 5) The Hon'ble Commission, under Section 79(1)(a) and 62 of Electricity Act, 2003, is vested with the jurisdiction to regulate/determine the tariff of the Generating Companies owned or controlled by the Central Government.
- 6) The Hon'ble Commission has notified the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 (hereinafter called "Tariff Regulations 2019") for a period of 5 years which have come into force from 01.04.2019 and specify the terms & conditions and methodology of tariff determination. The Petitioner is filing the present petition for determination of tariff of Darlipalli STPS Stage-I (2x800 MW) for the period from anticipated Commercial Operation date of 1st unit i.e.15/02/2020 to 31/03/2024 as per the Tariff Regulations, 2019.
- 7) The present petition is being filed as per the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 along with the tariff forms as prescribed in the said regulation for the coal based thermal generating stations and also as per the Central Electricity Regulatory Commission (Procedure for making of application for determination of tariff, publication and other related matters) Regulations, 2004. These relevant tariff forms are enclosed as **Appendix-I**, with computation of tariff based on anticipated COD of first unit of Darlipalli STPS on 01.03.2020.
- 8) Unit#2 of Darlipalli STPS Stage-I is anticipated to be declared under Commercial Operation on 30.09.2020. Accordingly, the Annual Fixed Charges have been provisionally computed for the station (both U#1 & U#2) as per the anticipated capitalisation, as shown in Form-B of Appendix-I, subject to revision after the actual COD of the unit/station.
- 9) The tariff claimed is based on expected capitalization as on anticipated COD of Unit#1 and the projected additional capital expenditure up to 30.09.2020

against the works within the original scope of work pertaining to Unit#1 of Darlipalli STPS-I in accordance with Regulation 24 read with Regulation 19 of the Tariff Regulations, 2019. The capital cost considered in the instant petition is based on estimated expenditure as respective dates/ period. The actual audited expenditure in respect of instant station shall be submitted before the Hon'ble Commission after actual COD of the station along with projected additional capital expenditure beyond actual COD upto 31.03.2024.

- 10) The Hon'ble Commission has prescribed boiler efficiency and turbine heat rate separately for deriving the unit heat rate where the Unit Heat Rate is not guaranteed by the suppliers. It is submitted that the instant station was envisaged during the period 2009-14 and equipments including SG and TG specifications for tendering / award was stipulated considering the boiler efficiency and the turbine heat rate prescribed by the Hon'ble Commission in the Tariff Regulations at that time. Based on the same the equipments were ordered through competitive bidding. It was not possible for the petitioner to specify the efficiency parameters at the time of finalizing the contracts on the instant station as per the efficiency parameters specified in subsequent Tariff Regulations which were more stringent. .

In a similar case, Hon'ble Commission in its order dated 20.02.2014 in Petition No. 160/GT/2012 has considered the design parameters for computing Gross Heat Rate of the station with appropriate operating margin and has stated as under:

"161. As per the guaranteed turbine cycle heat rate of 1945 kCal/kWh and boiler efficiency of 88.5% along with the deviation of 6.5 % as per the 2009 Tariff Regulations, the Gross Heat Rate works out to 2340.59 kcal/kWh. Without the margin of Auxiliary consumption of 6.5%, the Gross Heat Rate works out as 2197.74 kcal/kWh. In light of this, achieving a GSHR of 2220 kcal/kWh as per submission of the respondents 1 to 6 is not possible. Also, the EPC contract was finalized in 2006 and there was no possibility for the petitioner to specify the Station Heat Rate as per the 2009 Tariff Regulations. In view of above, we consider a GSHR of 2340.59 kCal/kWh based on guaranteed turbine cycle heat rate 1945 kCal/kWh and boiler efficiency of 88.5% with a deviation of 6.5 % from the guaranteed design value."

Further, if the Petitioner had stipulated more stringent unit heat rate this would have increased the capital cost commensurate to the efficiency parameters sought. The benefit of the lower capital cost due to lower efficiency parameters has already been passed onto the beneficiaries in terms of lower capital cost. If now the boiler efficiency for working out the normative heat rate is considered as 86% instead of the actual design efficiency of 85.01% the unit heat rate would be worked out to be 2217.21 kcal/kwh and the operating margin available over the design heat rate would be 3.7913% only which is much less than the operating margin of 5% allowed in the Tariff Regulations 2019. Moreover, it is submitted that boiler efficiency is largely a function of coal quality. In view of above submissions it is prayed that Gross Station Heat rate may be allowed based on guaranteed turbine cycle heat rate of 1816 and boiler efficiency of 85.01 with operating margin of 5 % from the guaranteed design value. The tariff computation attached at Appendix-I is based on considering Station Heat Rate as per design heat rate with applicable operating margin of 5%.

- 11) The Petitioner has filled details in Form 4 (Details of Foreign Loans) considering Exchange Rate as Rs. 71.86 per Dollar, Rs. 81.06 per Euro and Rs 0.666 per JPY as on 31.12.2019 as the Base Exchange rate. However, any variation in capital cost shall be submitted at the time of truing up based on actual IDC and FERV applicable up to COD. Further, extra rupee liability towards interest payment and loan repayment in the relevant years shall be recoverable / payable w.r.t. to exchange rate as applicable on COD as per provisions of Tariff Regulations 2019.
- 12) It is submitted that in the erstwhile IGAAP, the expenses paid upfront for the issuance of loan were accounted as and when incurred and the same were used to be claimed as a part of IDC during construction period. Under IndAS the upfront expenditure pertaining to expenses for issuance of bond is to be amortised over the tenure of the loan resulting in part capitalization as IDC till construction period. Since actual cash expenditure up to the COD is to be

part of the capital cost, petitioner has included the unamortized part of bond issue expenses in the capital cost. Hon'ble Commission may be pleased to allow the same.

- 13) During construction period, in the erstwhile IGAAP as per Para 46A of AS-11, FERV on loan was to be capitalized and accordingly the same was claimed as part of capital cost. However, as per IndAS FERV on foreign currency loans drawn after 01.04.2016 shall not form part of Gross Block and shall be charged to the statement of Profit & Loss as Borrowing cost/FERV. However, as per Clause 19(2)(C) of Tariff Regulations 2019, in case of new projects any gain or loss on account of foreign exchange risk variation pertaining to the loan availed during the construction period shall form part of capital cost. Accordingly, petitioner has considered the FERV (incurred during construction period) on Foreign currency loan drawn after 01.04.2016 charged to P&L in the capital cost.
- 14) In terms of above, ERV gain of Rs 4553.40 Lakh on Loan drawn after 01.04.2016 transferred to profit & loss account up to 31.12.2019 and the same has been adjusted with capital cost of the project. Further, as per the accounting guidelines issued by ICAI, the company has charged FERV gain of Rs 909.66 Lacs as Short Term ERV. The ERV gain/deficit upto the actual COD shall be claimed based on the audited financial statements on actual COD of U#1.
- 15) Further, In terms of Regulation 19(2)(b), equity deployed in excess of 30% of the fund deployed has been considered as normative loan and notional IDC of Rs.3336.40 lacs up to 31.12.2019 has been considered as part of the capital cost of the project. Notional IDC, if any, upto the actual COD shall be claimed based on audited financial statements.
- 16) Regulation-31 of CERC Tariff Regulations 2019, provides that the effective Tax rate is to be considered for computation of Rate of pre-tax ROE. In the instant Petition, the effective tax rate of 17.472% has been considered for



computation of ROE for the period 2019-24. However, the same shall be revised on year on year basis at the time of truing up.

- 17) Regulation 35(1)(6) of the Tariff Regulations 2019 provides that the water charges and capital spares consumed for thermal generating stations are to be allowed separately. The details in respect of water charges such as type of cooling water system, water allocation, rate of water charges as applicable for 2019-20 have been furnished below. In accordance with provision of the Regulations, the petitioner shall be furnishing the details of actual water charges for the relevant year at the time of truing up and the same shall be subject to retrospective adjustment.

Description	Remarks
Type of Plant	Coal
Type of cooling water system	Closed Circuit Cooling System
Allocation of Water for Darlipalli STPS	55 cusecs
Rate of Water charges with escalation 10%/annum	Rs. 7.28/m ³
Total Yearly Water Charges as per allocation	Rs. 3575.55 Lakhs

In respect of capital spares consumption, it is submitted that the petitioner seeks liberty to claim the same as part of O&M at the time of true-up based on actual consumption.

- 18) In accordance with the provisions of the Regulations 35(1)(6), the petitioner is furnishing the details of actual Security Expenses incurred during last two financial years as below:

FY	Security Expenses (Rs Lakh)
2017-18	754.292
2018-19	1156.151

The provisional claim of security expenses under O&M expenses for the period from COD of U#1 to 31.03.2024 is being made by the Petitioner based

on the anticipated expenses in FY 2019-20. As per the regulation, the actual expenses shall be provided for year on year basis at the time of truing up and the same shall be subject to retrospective adjustment. Hon'ble Commission may be pleased to allow the above expenses under the head of O&M expenses.

19) The petitioner shall approach Hon'ble Commission with a separate petition for determination of Supplementary Tariff with respect to implementation of various systems in compliance of revised emission standards pertaining to the Environmental Control System (ECS) in line with the Regulation 14(2) read with Regulation 29 of Tariff Regulations, 2019. The petitioner seeks liberty to file the details of ECS in terms of Regulations 29 along with the revised amended petition to be filed upon actual COD along with audited Financial Statements.

20) **Ash Transportation costs :**

It is submitted that a notification dated 25.01.2016 has been issued by Government of India, Ministry of Environment, Forest & Climate Change (MOEFCC) under the statutory provisions of Environment (Protection) Act 1986. The said notification of MOEFCC prescribed for sharing of transportation cost of Fly Ash generated at power stations with the users of Fly Ash. In this regard, Petitioner filed a petition, being no. 172/MP/2016, before the Hon'ble Commission seeking reimbursement of the additional expenditure for Fly Ash Transportation directly from the beneficiaries as the same was in the nature of statutory expense. Hon'ble Commission vide order dated 05.11.2018 disposed of the said petition and directed as follows:

"31. Accordingly, we in exercise of the regulatory power hold that the actual additional expenditure incurred by the Petitioner towards transportation of ash in terms of the MOEFCC Notification is admissible under "Change in Law" as additional O&M expenses. However, the admissibility of the claims is subject to prudence check of the following conditions on case to case basis for each station:

a) Award of fly ash transportation contract through a transparent competitive bidding procedure. Alternatively, the schedule rates of the respective State Governments, as applicable for transportation of fly ash.

- b) Details of the actual additional expenditure incurred on Ash transportation after 25.1.2016, duly certified by auditors.*
- c) Details of the Revenue generated from sale of fly ash/ fly ash products and the expenditure incurred towards Ash utilisation up to 25.1.2016 and from 25.1.2016 to till date, separately.*
- d) Revenue generated from fly Ash sales maintained in a separate account as per the MoEF notification.*

32. The Petitioner is granted liberty to approach the Commission at the time of revision of tariff of the generating stations based on true-up exercise for the period 2014-19 in terms of Regulation 8 of the 2014 Tariff Regulations along with all details / information, duly certified by auditor."

The expenditure towards the ash transportation charges are recurring in nature. The Petitioner has been incurring ash transportation expenditure in some of its stations in the current tariff period also. In case the same is permitted to be recovered at the end of the tariff period 2019-24, there will be additional liability on the beneficiary on account of the interest payment for the period till the time the true-up petitions for the period 2019-24 is decided. To avoid the interest payment liability of the beneficiaries it is prayed that the petitioner may be allowed to recover/ pass on the ash transportation charges after adjusting the revenue earned from sale of ash at the end of each quarter of financial year subject to true-up at the end of the period.

- 21) As per the investment approval dated 16.01.2014 the commercial operation of first unit of Darlipalli STPS Stage-I (2x800 MW) was envisaged in 52 months i.e 18th June'18 and the 2nd unit 6 months thereafter i.e. 18th Dec'18.

However, the site civil and erection works got delayed due to delay in Construction power availability due to law and order problem, land acquisition for MGR and Railwaysiding works, Right of Use (ROU) for makeup water pipe line laying, delay in blasting work for site levelling and other land acquisition issues and certain other reasons which were beyond the control of the petitioner have led to the delay in declaration of Commercial Operation of Darlipali STPS, some of the reasons for delay are as under-

A. Delay in blasting work for site levelling to enable the civil works.

The site geological conditions required blasting of Hard Rock for site levelling. When the blasting work started for levelling the site, the villagers filed writ petition no. WP(C) 5410/2016 in Hon'ble High Court of Cuttack, Odisha. Hon'ble High Court passed a stay order on the blasting work for site levelling. Several efforts were made by the project team raising the issue before the State Govt and also before the Hon'ble High court. The Hon'ble High Court after hearing the respondents disposed of the above said writ petition in favour of Govt. of Odisha and NTPC with observation that controlled blasting work shall be carried out only through a certified/ short firer and also by complying with other terms and conditions. The readiness of line bays in switchyard got delayed due to blasting restrictions in the switchyard area as enumerated above (Taparva Village). This resulted in delay in getting the start up power which was actually received on 31.05.2018 (against our intenal plan of Dec'16). The reason for the delay was beyond the reasonable control of the Petitioner. Relevant documents attached as Annexure-C

B. Delay in physical possession of Land for MGR and Railway siding area

The coal transportation to Darlipalli is envisaged through MGR connected to Dulanga mines and also through Railway siding from MCL mines. Further, Darlipalli project is accorded bridge linkage upto 2022 and coal is to be hauled from railwaysiding. The total land requirement for the railway siding including MGR is approx. 275 Acre which includes private, forest & govt. land. The land acquisition/ permissions for Govt. land started from June'2015.

While possession certificate for the land for MGR was handed over by Nov'2016, the physical possession of various patches including major



bridge areas was delayed due to resistance from the villagers. The handover of the land for taking up the MGR works (entrusted to M/s IRCON) was mostly completed by Nov'2018 except for the stretch of 320 mtr which was handed over only in July'2019. Loco trial of MGR carried on 04.01.2020.

The possession letter for the land for Railway Siding (Laikera Section) connecting to MCL have been obtained on 22.08.2019 after continuous persual at CCI-PMG reviews.

To continue the plant commissioning activities and to overcome the constraints of land acquisition delays, NTPC has approached and obtained necessary MoEF&CC clearances for coal transportation through road as an interim alternative. The reason for the delay is beyond the reasonable control of the Petitioner. Relevant documents attached as Annexure-D.

C. Delay in RoU/RoW permission for pipe laying for make-up water:

The water sources for the station is from Hirakud reservoir on Mahanadi River located at distance of about 40 KMs from station. Therefore, for meeting the water requirement of plant, pipe laying for make up is required for 40 KM approximately. The permissions for laying of make up water pipelines under RoU/RoW were received in phases from Govt. of Odisha with a delay of around one year. Due to this, Make up water pipeline work could be taken up in phases restricting the mobilization as per the availability of RoU/ RoW. However, the work of laying of make-up water pipeline from Hirakud Reservoir to Darlipalli STPS-I has been severely affected for the stretch of approximately 5-6 Kms on account of Right of Use (ROU) issue and IR issues raised by the villagers of the area. Despite various meetings coordinated and arranged between the villagers and the authorities by NTPC, the matter took prolonged time to get resolved. Some of the villagers had refused to accept the agreed compensation. On account of these issues the work for making the water available at the site from the Hirakud reservoir got delayed. Therefore, to meet the main plant commissioning requirement, make up water for

commissioning activities was arranged from nearby Vasundhara River on contingency basis, the drawl of water from which was restricted for monsoon period only. Further, the make up water is arranged with contingency pumping arrangement from IB river which is mid way between designated source. The reason for the delay is beyond the reasonable control of the Petitioner. Revant documents attached as Annexure-E

D. Delay in construction power enablement

The construction power supply arrangements with 2 numbers 33KV feeder line for project requirement was to be drawn from Remja Substation of WESCO (Western Orissa Electricity Supply Company) which is approximately 21 KM away from the plant. The work of construction of transmission line for drawing construction power was repeatedly affected by rampant theft. As the work of laying transmission feeder was outside the plant premises it was prone to theft even with round the clock patrolling of security personnel. When the work was in full pace, some miscreants stole the electric poles and conductors with accessories from the site. The Petitioner made all out efforts by approaching to the concerned department in State Government, to resolve the problem. The work of charging one line was completed with a delay. The above reason for the delay in the work of transmission line for construction power was beyond the reasonable control of the Petitioner.

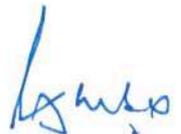
All the above reasons have affected the progress of work at site resulting in the delay of completion of works/ commissioning of systems which are essentially required for carrying out the full load commissioning & the trial run for demonstration of maximum continuous rating of the unit and subsequent declaration of Commercial operation as per originally envisaged schedule.

It is submitted that the reasons mentioned above were beyond reasonable control of the Petitioner and have created major hurdles in project execution. In view of



these reasons indicated in above paras, Hon'ble Commission may be pleased to condone the delay in declaring (anticipated) COD of Unit-1 of Darlipalli STPS-I. It is further submitted that the Petitioner craves liberty to further augment the reason of delay if any and to submit further details & documents supporting reasons of delay in declaring commercial operation of Unit # 1 in the amended petition to be filed after actual COD of the unit.

- 22) It is submitted that the petitioner has deposited the requisite filing fee of Rs. Rs 442500 only (UTR No. CMS1395778464) in accordance with CERC (Payment of Fees) Regulations, 2012 and same is being filed as Form-I accompanied with the petition. It is further submitted that the filing fee for the subsequent years shall be deposited as per the prevailing regulations, after adjustment of fees payable for 2019-20 based on the actual COD of the respective unit(s).
- 23) At present, the instant petition is being filed seeking approval of tariff of Darlipalli STPS from date of anticipated COD of the Unit-I (i.e. 01.03.2020) to 31.03.2024. Further, it is submitted that since Unit -1 of Darlipalli STPS is likely to be declared under COD shortly and disposing the instant petition may take some time, In view of this NTPC prays that the Hon'ble Commission may be please to issue the interim tariff as per the Regulation 10(3) of CERC (Terms & Conditions of Tariff) Regulations 2019 to facilitate for billing of energy supplied to various beneficiaries after the COD of the unit based on the capital cost/ annual fixed charges claimed in the instant petition for the period till final tariff as per CERC Tariff Regulations 2019 is determined by the Hon'ble Commission.
- 24) Actual expenses on publication of notices in newspapers, as per the Central Electricity Regulatory Commission (Procedure for making of application for determination of tariff, publication and other related matters) Regulations, 2004, may be allowed to be recovered from beneficiaries / respondents.

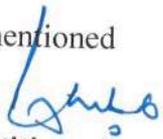


- 25) The Petitioner craves leave of the Hon'ble Commission to make / submit additional submissions/ documents in support and oral submissions in this regard.

Prayer

In the light of above submissions, the Petitioner, therefore, prays that the Hon'ble Commission may be pleased to:

- i) Approve / determine the capital cost and tariff of Darlipalli STPS-I for control period 2019-24, taking into account the submissions made herein and, in the Forms and Annexures filed herewith, permitting the Petitioner to recover Annual Fixed Cost.
- ii) Condone the delay in declaration of Unit-I under commercial operation.
- iii) Grant interim order to facilitate billing and allow the Petitioner to provisionally charge tariff from its actual date of Commercial Operation as per this petition till the time the tariff for Darlipalli STPS Stage-I (2 X 800 MW) is determined by Hon'ble Commission.
- iv) Grant liberty to the petitioner to approach the Hon'ble Commission seeking in-principle approval for implementation of various systems in the instant station to comply with revised emission standards.
- v) Allow reimbursement of Ash Transportation Charges directly from the beneficiaries quarterly on net basis.
- vi) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and the publication expenses from the beneficiaries.
- vii) Consider station heat rate based on design heat rate with applicable operating margin
- viii) Pass any other order as it may deem fit in the circumstances mentioned above.


(Petitioner)

Place: New Delhi

Date: 26/02/2020

BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

PETITION NO.....

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of **Darlipalli Super Thermal Power Station Stage-I (2x800 MW) for the period from anticipated date of Commercial Operation of the Unit-I (i.e. 01.03.2020) to 31.03.2024.**

**AND
IN THE MATTER OF**

Petitioner NTPC Ltd.
NTPC Bhawan
Core-7, Scope Complex
7, Institutional Area, Lodhi Road
New Delhi-110 003

Respondents: 1 Bihar State Power Holding Company Ltd (BSPHCL),
Vidyut Bhawan, Bailey Road
Patna - 800021.

.....and others



Signature

Affidavit

I, Rohit Chhabra, son of Sh. S M Chhabra, aged about 54 years, having office at NTPC Bhavan, SCOPE Complex, Lodhi Road, New Delhi do solemnly affirm and state as under:

1. That I am the Addl. General Manager (Commercial) in Petitioner Corporation NTPC Ltd. and am well conversant with the facts of the case and am competent to swear the present affidavit.
2. That I have read the contents of the accompanying Petition being filed by NTPC and have understood the same.
3. That the contents of the accompanying Petition being filed by NTPC are based on information available with the Petitioner in the normal course of business and believed by the deponent to be true.

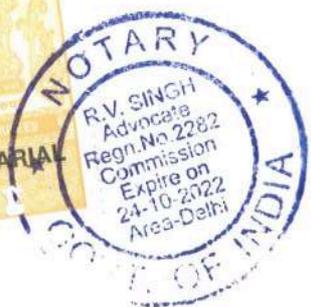
Deponent

Verification

I, the deponent above named, do hereby verify that the contents of the above affidavit are true to the best of my knowledge, no part of it is false and nothing material has been concealed therefrom.

Verified at New Delhi on this day 26th February 2020.

Deponent



Solemnly affirmed before me, read over & explained to the deponent.

Notary Public. DELHI

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126 FEB 2020

**TARIFF FILING FORMS (THERMAL)
FOR DETERMINATION OF TARIFF**

PART-I

APPENDIX-I

**Checklist of Main Tariff Forms and other information for tariff filing for
Thermal Stations**

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM- 1	Summary Sheet	√
Form-1(I)	Statement showing claimed capital cost	√
Form-1(II)	Statement showing Return on Equity	√
FORM-2	Plant Characteristics	√
FORM-3	Normative parameters considered for tariff computations	√
FORM- 4	Details of Foreign loans	√
FORM - 4A	Details of Foreign Equity	√
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	NA
FORM- 6	Financial Package upto COD	NA
FORM- 7	Details of Project Specific Loans	√
FORM- 8	Details of Allocation of corporate loans to various projects	√
FORM- 9	Statement of Additional Capitalisation after COD	√
FORM- 10	Financing of Additional Capitalisation	√
FORM- 11	Calculation of Depreciation	√
FORM-12	Statement of Depreciation	√
FORM-13	Calculation of Weighted Average Rate of Interest on Actual Loans	√
FORM- 14	Draw Down Schedule for Calculation of IDC & Financing Charges	√
FORM-15	Details of Fuel for Computation of Energy Charges	√
FORM-16	Details of Limestone for Computation of Energy Charge Rate	√
FORM-17	Details of Capital Spares	NA
FORM- 18	Non-Tariff Income	-
FORM- 19	Details of Water Charges	√
FORM- 20	Details of Stationary Charges	√

PART-1

**List of Supporting Forms/documents for tariff filling for
Thermal Stations**

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM- A	Abstract of Capital Cost Estimates	√
FORM- B	Break-up of Capital Cost for Coal/Lignite based Projects	√
FORM- C	Break-up of Capital Cost for Gas/Liquid fuel based Projects	NA
FORM- D	Break-up of Construction/Supply/Service packages	√
FORM- E	Details of variables , parameters , optional package etc. for New Project	√
FORM- F	Details of cost over run	##
FORM- G	Details of time over run	##
FORM- H	Statement of Additional Capitalisation during end of the useful life	**
FORM- I	Details of Assets De-capitalised during the period	**
FORM- J	Reconciliation of capitalisation claimed vis-a-vis books of accounts	**
FORM- K	Statement showing details of items/assets/works claimed under Exclusions	**
FORM- L	Statement of Capital cost	√
FORM- M	Statement of Capital Woks in Progress	√
FORM- N	Calculation of Interest on Normative Loans	√
FORM- O	Calculation of Interest on Working Capital	√
FORM- P	Incidental Expenditure UptoSCOD and upto actual COD	√
FORM- Q	Expenditure under different packages up to Scheduled COD and up to Actual COD	√
FORM- R	Actual cash expenditure	√
FORM- S	Statement of Liability Flow	**
FORM- T	Summary of Issues involved in the Pettition	√

** Shall be provided at the time of Actual CoD/true-up

To be provide on actual CoD of Units

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Summary of Tariff

PART-I
FORM- 1

Name of the Petitioner: NTPC Limited
Name of the Generating Station: Darlipalli STPS Stage-I (2x800 MW)

S. No.	Particulars	Unit	Existing 2018-19	2020-21			2021-22	2022-23	2023-24
				2019-20					
				(01.03.2020 to 31.03.2020)	(01.04.2020 to 29.09.2020)	(30.09.2020 to 31.03.2021)			
1	2	3	4	5	7	8	9	10	11
1.1	Depreciation	Rs Lakh	N.A.						
1.2	Interest on Loan	Rs Lakh		40,007.84	40,688.43	60,160.09	62,150.72	64,468.81	65,681.83
1.3	Return on Equity I	Rs Lakh		32,743.05	32,554.84	49,163.25	47,407.81	44,286.58	39,244.14
1.4	Interest on Working Capital	Rs Lakh		41,287.21	41,989.56	65,062.96	67,215.83	69,722.83	71,034.71
1.5	O&M Expenses	Rs Lakh		4,707.14	4,756.14	8,666.59	8,755.92	8,835.72	8,845.23
1.6	Special Allowance (If applicable)	Rs Lakh		17160.89	17672.89	35345.78	36417.78	37505.78	38641.78
1.7	Compensation Allowance (If applicable – relevant for column 4 only)	Rs. Lakh							
	Total	Rs Lakh		135906.12	137661.85	218398.67	221948.06	224819.72	223447.68
2.1	Landed Fuel Cost (coal/gas/RLNG/ liquid)	Rs/Ton							
	(%) of Fuel Quantity	(%)				1584.43			
2.2	Landed Fuel Cost Imported Coal					NA			
	(%) of Fuel Quantity								
2.3	Landed Fuel Cost (coal/gas /RLNG/liquid) other than FSA	Rs/Ton				NA			
	(%) of Fuel Quantity	(%)							
2.4	Landed Fuel Cost Imported Coal other than FSA					NA			
	(%) of Fuel Quantity								
2.5	Secondary fuel oil cost	Rs/Unit				0.0263			
	Energy Charge Rate ex-bus (Paise/kWh)	Rs/Unit				1.338			

(Petitioner)

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Name of the Petitioner: NTPC Limited
 Name of the Generating Station: Darlipalli STPS Stage-I (2x800 MW)

PART-I

FORM-1(I)
 (Amount in Rs Lakh)

Statement showing claimed capital cost – (A+B)							
S. No.	Particulars	2019-20 (01.03.2020 to 31.03.2020)	2020-21 (01.04.2020 to 29.09.2020)	2020-21 (30.09.2020 to 31.03.2021)	2021-22	2022-23	2023-24
1	2	3	5	6	7	8	9
1	Opening Capital Cost	726,702	738,787	1,143,642	1,165,767	1,220,058	1,254,753
2	Add: Addition during the year/period	12,085	12,845	22,125	54,291	34,695	11,870
3	Less: De-capitalisation during the year/period	-	-	-	-	-	-
4	Less: Reversal during the year / period	-	-	-	-	-	-
5	Add: Discharges during the year/ period	-	-	-	-	-	-
6	Closing Capital Cost	738,787	751,632	1,165,767	1,220,058	1,254,753	1,266,623
7	Average Capital Cost	732,744	745,209	1,154,704	1,192,912	1,237,405	1,260,688

Statement showing claimed capital cost eligible for RoE at normal rate (A)							
S. No.	Particulars	2019-20 (01.03.2020 to 31.03.2020)	2020-21 (01.04.2020 to 29.09.2020)	2020-21 (30.09.2020 to 31.03.2021)	2021-22	2022-23	2023-24
1	2	3	5	6	7	8	9
a	Capital Cost as on CoD of Unit-I/-II	715,523		1,132,463			
b	Notional IDC	3,336		3,336			
c	Finance Charges	2,379		2,379			
d	Short Term ERV & Loan ERV Charged to P&L	5,463		5,463			
1	Opening Capital Cost	726,702	738,787	1,143,642	1,165,767	1,220,058	1,254,753
2	Add: Addition during the year / period	12,085	12,845	22,125	54,291	34,695	11,870
3	Less: De-capitalisation during the year / period						
4	Less: Reversal during the year / period						
5	Add: Discharges during the year / period						
6	Closing Capital Cost	738,787	751,632	1,165,767	1,220,058	1,254,753	1,266,623
7	Average Capital Cost	732,744	745,209	1,154,704	1,192,912	1,237,405	1,260,688

Statement showing claimed capital cost eligible for RoE at weighted average rate of interest on actual loan portfolio (B)*							
S. No.	Particulars	2019-20 (01.03.2020 to 31.03.2020)	2020-21 (01.04.2020 to 29.09.2020)	2020-21 (30.09.2020 to 31.03.2021)	2021-22	2022-23	2023-24
1	2	3	5	6	7	8	9
1	Opening Capital Cost						
2	Add: Addition during the year / period						
3	Less: De-capitalisation during the year / period						
4	Less: Reversal during the year / period						
5	Add: Discharges during the year / period						
6	Closing Capital Cost						
7	Average Capital Cost						

NA

* Not applicable in the instant petition

Petitioner

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Name of the Petitioner: NTPC Limited
 Name of the Generating Station: Darlipalli STPS Stage-I (2x800 MW)

PART-I
 FORM-1(HIA)
 (Amount in Rs Lakh)

Statement showing Return on Equity at Normal Rate:							
Sr	Particulars	2019-20 (01.03.2020 to 31.03.2020)	2020-21 (01.04.2020 to 29.09.2020)	2020-21 (30.09.2020 to 31.03.2021)	2021-22	2022-23	2023-24
1	Return on Equity						
1	Gross Opening Equity (Normal)						
2	Less: Adjustment in Opening Equity	218,010.53	221,636.03	343,092.50	349,730.00	366,017.30	376,425.80
3	Adjustment during the year						
4	Net Opening Equity (Normal)						
5	Add: Increase in equity due to addition during the year / period	218,010.53	221,636.03	343,092.50	349,730.00	366,017.30	376,425.80
7	Less: Decrease due to De-capitalisation during the year / period	3,625.50	3,853.50	6,637.50	16,287.30	10,408.50	3,561.00
8	Less: Decrease due to reversal during the year / period	0		0	0	0	0
9	Add: Increase due to discharges during the year / period	0		0	0	0	0
10	Net closing Equity (Normal)						
11	Average Equity (Normal)	221,636.03	225,489.53	349,730.00	366,017.30	376,425.80	379,986.80
12	Rate of ROE	219,823.28	223,562.78	346,411.25	357,873.65	371,221.55	378,206.30
13	Total ROE	18.782%	18.782%	18.782%	18.782%	18.782%	18.782%
		41,287.21	41,989.56	65,062.96	67,215.83	69,722.83	71,034.71

(Petitioner)

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Name of the Petitioner: **NTPC Limited**
Name of the Generating Station: **Darlipalli STPS Stage-I (2x800 MW)**

**PART 1
FORM-1(IIB)**

Statement showing Return on Equity at wtd. Avg. Normal Rate:

Sr	Particulars	2019-20 (01.03.2020 to 31.03.2020)	2020-21 (01.04.2020 to 29.09.2020)	2020-21 (30.09.2020 to 31.03.2021)	2021-22	2022-23	2023-24
1	2	3		4	5	6	7
Return on Equity (beyond the original scope of work excluding additional capitalization due to Change in Law)							
1	Gross Opening Equity (Normal)						
2	Less: Adjustment in Opening Equity						
3	Adjustment during the year						
4	Net Opening Equity (Normal)						
5	Add: Increase in equity due to addition during the year / period						
7	Less: Decrease due to De-capitalisation during the year / period						
8	Less: Decrease due to reversal during the year / period						
9	Add: Increase due to discharges during the year / period						
10	Net closing Equity (Normal)						
11	Average Equity (Normal)						
12	Rate of ROE						
13	Total ROE						

Not Applicable

(Petitioner)

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Plant Characteristics

Form-2

Name of the Petitioner : NTPC Limited

Name of the Generating Station : Darlipalli Super Thermal Power Project Stage-I (2x800MW)

Unit(s)/ Block(s) Parameters	Unit-I	Unit-II
Installed Capacity (MW)	800	800
Schedule COD as per Investment Approval	18-06-18	18-12-18
Actual COD /Date of Taken Over (Anticipated)	1-Mar-2020	30-Sep-2020
Pit Head or Non Pit Head	Pit Head	
Name of the Boiler Manufacture	M/s Bharat Heavy Electricals Ltd.	
Name of Turbine Generator Manufacture	M/s Toshiba JSW Power Systems Pvt. Ltd.	
Main Steams Pressure at Turbine inlet (kg/Cm2) abs	247.00	
Main Steam Temperature at Turbine inlet (oC)	565.00	
Reheat Steam Pressure at Turbine inlet (kg/Cm2)	45.90	
Reheat Steam Temperature at Turbine inlet (oC)	593.00	
Main Steam flow at Turbine inlet under MCR condition (tons /hr)	2275.05	
Main Steam flow at Turbine inlet under VWO condition (tons /hr) ²	2418.71	
Unit Gross electrical output under MCR /Rated condition (MW) ²	800	
Unit Gross electrical output under VWO condition (MW) ²	840 (with OLV)	
Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh) ³	1816	
Boiler Efficiency specified by Manufacturer (%)	85.01	
Conditions on which design turbine cycle heat rate guaranteed		
% MCR	100	
% Makeup Water Consumption	0	
Design Capacity of Make up Water System	3x2950 m3/hr - for two units	
Design Capacity of Inlet Cooling System	78120 cu.m/hr	
Design Cooling Water Temperature (degree C)	33	
Back Pressure	77 mm Hg	
Steam flow at super heater outlet under BMCR condition (tons/hr)	2550	
Steam Pressure at super heater outlet under BMCR condition) (kg/Cm2)	257	
Steam Temperature at super heater outlet under BMCR condition (C)	568	
Steam Temperature at Reheater outlet at BMCR condition (C)	596	
Design / Guaranteed Boiler Efficiency (%)⁴	85.01 %- at 100%TMCR (800MW)	
Design Fuel with and without Blending of domestic/imported coal	Coal GCV at design - 3200 Kcal/kg	
Type of Cooling Tower	IDCT	
Type of cooling system	Closed Circuit Cooling	
Type of Boiler Feed Pump	2x50% TDBFP & 1X30% MDBFP	
Type of Coal Mill	Bowl Mill/	
Fuel Details		
- Primary Fuel	Coal	
-Secondary Fuel	LDO	
-Alternate Fuels		
Types of SOX control system	Provision for FGD	
Types of NOX control system	1. Separated Over fire Air Damper Control(SOFA)	
Details of SPM control system	High efficiency ESPs	
Special Features/Site Specific Features		
Special Technological Features	Supercritical	
Environmental Regulation related features	1. Provision for FGD.	
Any other special features		
1. At Turbine MCR condition.		
2. With 0% (Nil) make up and design Cooling water temperature		
3. At TMCR output based on gross generation, 0% (Nil) makeup and design Cooling water temperature.		
4. With Performance coal based on Higher Heating Value (HHV) of fuel and at BMCR) out put		
5. Closed circuit cooling, once through cooling, sea cooling, natural draft cooling, induced draft cooling etc.		
6. Motor driven, Steam turbine driven etc.		
7. Coal or natural gas or Naptha or lignite etc.		
8. Any site specific feature such as Merry-Go-Round, Vicinity to sea, Intake /makeup water systems etc. scrubbers etc. Specify		
9. Any Special Technological feature like Advanced class FA technology in Gas Turbines, etc.		
10. Environmental Regulation related features like FGD, ESP etc.,		
Heat Balance Diagram attached as Annexure-F		

Petitioner

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Normative Parameters considered for Tariff Computations

Name of the Petitioner
Name of the Generating Station

NTPC Limited
Darlipalli Super Thermal Power Project Stage-I

Year Ending March

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Particulars	Unit	2019-20 (01.03.2020 to 31.03.2020)	2020-21 (01.04.2020 to 29.09.2020)	2020-21 (30.09.2020 to 31.03.2021)	2021-22	2022-23	2023-24
1	2	3	5	6	7	8	9
Base Rate of Return on Equity	%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
Base Rate of Return on Equity on Add Capitalization	%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
Effective Tax Rate ⁴	%	17.4720%	17.4720%	17.4720%	17.4720%	17.4720%	17.4720%
Target Availability	%						
In High Demand Season	%						
Peak Hours	%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Off-Peak Hours	%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
In Low Demand Season (Off Peak)	%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Peak Hours	%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Off-Peak Hours	%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Auxiliary Energy Consumption	%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Gross Station Heat Rate	kCal/kWh	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%
Specific Fuel Oil Consumption	ml/kWh	2243.03	2243.03	2243.03	2243.03	2243.03	2243.03
Cost of Coal/Lignite for Stock for WC1	in Days	0.5	0.5	0.5	0.5	0.5	0.5
Cost of Main Secondary Fuel Oil for WC ¹	in Months	40	40	40	40	40	40
Cost of Main Secondary Fuel Oil for WC ¹	in Months	2	2	2	2	2	2
Fuel Cost for WC ²	in Months						
Liquid Fuel Stock for WC ²	in Months						
O & M expenses	Rs						
Maintenance Spares for WC	% of O&M	18.23	18.87	18.87	19.54	20.22	20.93
Receivables for WC	in Days	20%	20%	20%	20%	20%	20%
Storage capacity of Primary fuel	MT	45	45	45	45	45	45
SBI 1 year MCLR + 350 basis points as on March'19 ³	%	4.6 Lakhs	4.6 Lakhs	4.6 Lakhs	4.6 Lakhs	4.6 Lakhs	4.6 Lakhs
Blending ratio of domestic coal/imported coal		12.05%	12.05%	12.05%	12.05%	12.05%	12.05%

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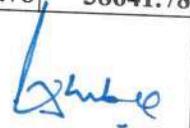
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Calculation of O&M Expenses

Name of the Company : NTPC Limited
Name of the Power Station : Darlipalli Super Thermal Power Project Stage-I

S.No	Particulars	Rs. in Lakh					
		2019-20 (01.03.2020 to 31.03.2020)	2020-21 (01.04.2020 to 29.09.2020)	2020-21 (30.09.2020 to 31.03.2021)	2021-22	2022-23	2023-24
1	2	3	5	6	7	8	9
1	O&M expenses under Reg.35(1)						
1a	Normative	14584.00	15096.00	30192.00	31264.00	32352.00	33488.00
1b	O&M expenses-Ash Transportation						
	Capital Spares Consumption*						
2	O&M expenses under Reg.35(1)						
2a	Water Charges **	1787.77	1787.77	3575.55	3575.55	3575.55	3575.55
2b	Security expenses**	789.12	789.12	1578.23	1578.23	1578.23	1578.23
3	Total O&M Expenses	17160.89	17672.89	35345.78	36417.78	37505.78	38641.78

* Shall be claimed at the time of revised petition on actual COD of U#1/ truing -up
** Subject to true-up


Petitioner

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Form-4

Details of Foreign Loan
(Details only in respect of loans applicable to the project under petition)

Name of the company: **NTPC Limited**
 Name of the Power Station: **Darlipali STPS Stage-I**
 Exchange Rate at COD: **31-12-2019 USD = Rs. 71.86 EUR = Rs. 81.06 JPY = Rs. 0.6660**
 Exchange Rate as on: **31-12-2019 USD = Rs. 71.86 EUR = Rs. 81.06 JPY = Rs. 0.6660**

Darlipali STPS Stage-I (Amount in Lacs)

Financial Year (Starting from COD)	2019-20 (01.01.2020 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
A. Currency 1 USD	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)
1. At the date of draw (COD)	01-01-20	1.34	71.86	96.50																
Loan repayment upto previous period					26-03-20	0.34	71.86	24.13	26-03-21	1.01	71.86	72.38								
Net loan at the Beginning of the period	01-01-20	1.34	71.86	96.50	01-04-20	1.01	71.86	72.38	01-04-21	0.34	71.86	24.13								
2. Schedule repayment date of principal					26-09-20	0.34	71.86	24.13	26-09-21	0.34	71.86	24.13								
3. Scheduled payment date of interest	15-01-20	0.00	71.86	0.11	26-09-20	0.02	71.86	1.13	26-09-21	0.01	71.86	0.38								
4. Withholding tax including surcharge on interest	15-01-20	0.00	71.86	0.01	26-09-20	0.00	71.86	0.07	26-09-21	0.00	71.86	0.02								
5. Schedule repayment date of principal	26-03-20	0.34	71.86	24.13	26-03-21	0.34	71.86	24.13	26-03-22	0.34	71.86	24.13								
6. Scheduled payment date of interest	26-03-20	0.01	71.86	0.58	26-03-21	0.01	71.86	0.74	26-03-22	0.01	71.86	0.74								
7. Withholding tax including surcharge on interest	26-03-20	0.00	71.86	0.03	26-03-21	0.00	71.86	0.04	26-03-22	0.00	71.86	0.04								
At the end of Financial year	31-03-20	1.61	71.86	72.38	31-03-21	0.34	71.86	24.13	31-03-22	-	71.86	-								

0.000467645 (Amount in Lacs)

Financial Year (Starting from COD)	2019-20 (01.01.2020 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
A. Currency 1 USD	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)
1. At the date of draw (COD)	01-01-20	61.31	71.86	4,406.00																
Loan repayment upto previous period					26-03-20	15.33	71.86	1,101.50	26-03-21	45.99	71.86	3,304.50								
Net loan at the Beginning of the period	01-01-20	61.31	71.86	4,406.00	01-04-20	45.99	71.86	3,304.50	01-04-21	15.33	71.86	1,101.50								
2. Schedule repayment date of principal					26-09-20	15.33	71.86	1,101.50	26-09-21	15.33	71.86	1,101.50								
3. Scheduled payment date of interest	15-01-20	0.07	71.86	5.24	26-09-20	0.72	71.86	51.84	26-09-21	0.24	71.86	17.21								
4. Withholding tax including surcharge on interest	15-01-20	0.00	71.86	0.30	26-09-20	0.04	71.86	2.88	26-09-21	0.01	71.86	0.99								
5. Schedule repayment date of principal	26-03-20	15.33	71.86	1,101.50	26-03-21	15.33	71.86	1,101.50	26-03-22	15.33	71.86	1,101.50								
6. Scheduled payment date of interest	26-03-20	0.37	71.86	26.57	26-03-21	0.47	71.86	33.86	26-03-22	0.00	71.86	(0.00)								
7. Withholding tax including surcharge on interest	26-03-20	0.02	71.86	1.53	26-03-21	0.03	71.86	1.96	26-03-22	0.00	71.86	(0.00)								
At the end of Financial year	31-03-20	46.99	71.86	3,304.50	31-03-21	16.33	71.86	1,181.80	31-03-22	6.00	71.86	432.00								

Darlipali STPS Stage-I (Amount in Lacs)

Financial Year (Starting from COD)	2019-20 (01.01.2020 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
A. Currency 1 USD	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)
1. At the date of draw (COD)	01-01-20	121.67	71.86	8,743																
Loan repayment upto previous period					26-03-20	121.67	71.86	8,743	26-11-20	121.67	71.86	8,743	26-11-21	121.67	71.86	8,743	01-10-19	121.67	71.86	8,743
Net loan at the Beginning of the period	01-01-20	121.67	71.86	8,743	01-04-20	121.67	71.86	8,743	01-04-21	121.67	71.86	8,743	01-04-22	121.67	71.86	8,743	01-04-23	121.67	71.86	8,743
2. Schedule repayment date of principal					26-09-20	154	71.86	11,066	26-06-21	2.86	71.86	206	26-05-22	2.66	71.86	191	26-05-23	2.66	71.86	191
3. Scheduled payment date of interest	15-01-20	0.00	71.86	0.12	26-09-20	0.12	71.86	8.62	26-05-21	0.15	71.86	10.78	26-05-22	0.15	71.86	10.78	26-05-23	0.15	71.86	10.78
4. Withholding tax including surcharge on interest					26-11-20	2.66	71.86	191	26-11-21	2.66	71.86	191	26-11-22	2.66	71.86	191	26-11-23	2.66	71.86	191
5. Schedule repayment date of principal	26-03-20	121.67	71.86	8,743	26-03-21	121.67	71.86	8,743	26-03-22	121.67	71.86	8,743	26-03-23	121.67	71.86	8,743	26-03-24	121.67	71.86	8,743
6. Scheduled payment date of interest	26-03-20	0.37	71.86	26.57	26-03-21	0.47	71.86	33.86	26-03-22	0.00	71.86	(0.00)								
7. Withholding tax including surcharge on interest	26-03-20	0.02	71.86	1.53	26-03-21	0.03	71.86	1.96	26-03-22	0.00	71.86	(0.00)								
At the end of Financial year	31-03-20	121.67	71.86	8,743	31-03-21	121.67	71.86	8,743	31-03-22	121.67	71.86	8,743	31-03-23	121.67	71.86	8,743	31-03-24	121.67	71.86	8,743

Darlipali STPS Stage-I (Amount in Lacs)

Financial Year (Starting from COD)	2019-20 (01.01.2020 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
A. Currency 1 USD	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)
1. At the date of draw (COD)	01-01-20	940.70	71.86	67,599	01-10-19	940.70	71.86	67,599	01-10-19	940.70	71.86	67,599	01-10-19	940.70	71.86	67,599	01-10-19	940.70	71.86	67,599
Loan repayment upto previous period					26-02-20	940.70	71.86	67,599	26-02-21	940.70	71.86	67,599	26-02-22	940.70	71.86	67,599	26-02-23	940.70	71.86	67,599
Net loan at the Beginning of the period	01-01-20	940.70	71.86	67,599	01-04-20	940.70	71.86	67,599	01-04-21	940.70	71.86	67,599	01-04-22	940.70	71.86	67,599	01-04-23	940.70	71.86	67,599
2. Schedule repayment date of principal					26-09-20	1.15	71.86	83	26-06-21	1.19	71.86	85	26-08-22	1.15	71.86	83	26-08-23	1.15	71.86	83
3. Scheduled payment date of interest	15-01-20	0.00	71.86	0.00	26-09-20	15.99	71.86	1,138	26-06-21	20.58	71.86	1,479	26-06-22	19.99	71.86	1,436	26-08-23	19.99	71.86	1,436
4. Withholding tax including surcharge on interest					26-09-20	1.15	71.86	83	26-06-21	1.19	71.86	85	26-08-22	1.15	71.86	83	26-08-23	1.15	71.86	83
5. Schedule repayment date of principal	26-03-20	6.11	71.86	439	26-02-21	19.99	71.86	1,436	26-02-22	20.58	71.86	1,479	26-02-23	19.99	71.86	1,436	26-02-24	19.99	71.86	1,436
6. Scheduled payment date of interest	26-03-20	0.35	71.86	25	26-02-21	1.15	71.86	83	26-02-22	1.19	71.86	85	26-02-23	1.15	71.86	83	26-02-24	1.15	71.86	83
7. Withholding tax including surcharge on interest	26-03-20	0.00	71.86	0.00	26-02-21	0.00	71.86	0.00	26-02-22	0.00	71.86	0.00	26-02-23	0.00	71.86	0.00	26-02-24	0.00	71.86	0.00
At the end of Financial year	31-03-20	940.70	71.86	67,599	31-03-21	940.70	71.86	67,599	31-03-22	940.70	71.86	67,599	31-03-23	940.70	71.86	67,599	31-03-24	940.70	71.86	67,599

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Form-4		Details of Foreign Loan	
Name of the company Name of the Power Station Exchange Rate at COD Exchange Rate as on		(Details only in respect of loans applicable to the project under petition)	
		NTPC Limited Darlipali STPS Stage-I	
		31-12-2019 USD = Rs. 71.86 EUR = Rs. 81.06 JPY = Rs. 0.6660	

Darlipali STPS Stage-I

Financial Year (Starting from COD)	2019-20 (01.01.2020 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
A. Currency 1 Euro																				
1. At the date of draw (COD)	01-01-20	624.56	81.06	50.627	01-01-20	624.56	81.06	50.626.71	01-01-20	624.56	81.06	50.626.71	01-01-20	624.56	81.06	50.626.71	01-01-20	624.56	81.06	50.626.71
2. Schedule repayment date of principal	01-01-20	624.56	81.06	50.627	01-04-20	624.56	81.06	50.626.71	01-02-21	624.56	81.06	50.626.71	01-02-22	624.56	81.06	50.626.71	01-02-23	624.56	81.06	50.626.71
3. Scheduled payment date of interest	-	81.06	-	-	-	81.06	-	-	01-04-21	81.06	-	-	01-02-22	81.06	-	-	01-04-23	81.06	-	-
4. Withholding tax including surcharge on interest	-	81.06	-	-	-	81.06	-	-	-	81.06	-	-	-	81.06	-	-	-	81.06	-	-
5. Schedule repayment date of principal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. Scheduled payment date of interest	01-02-20	1.43	81.06	116	01-02-21	17.18	81.06	1,392.23	01-02-22	17.18	81.06	1,392.23	01-02-23	17.18	81.06	1,392.23	01-02-24	17.18	81.06	1,392.23
7. Withholding tax including surcharge on interest	01-02-20	0.06	81.06	7	01-02-21	0.99	81.06	80.41	01-02-22	0.99	81.06	80.41	01-02-23	0.99	81.06	80.41	01-02-24	0.99	81.06	80.41
At the end of Financial year	31-03-20	624.56	81.06	50.627	31-03-21	624.56	81.06	50.626.71	31-03-22	624.56	81.06	50.626.71	31-03-23	624.56	81.06	50.626.71	31-03-24	624.56	81.06	50.626.71

Darlipali STPS Stage-I

Financial Year (Starting from COD)	2019-20 (01.01.2020 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
A. Currency 1 INR																				
1. At the date of draw (COD)	01-01-20	27.949	1.00	27.949	01-01-20	27.949	1.00	27.949	01-01-20	27.949	1.00	27.949	01-01-20	27.949	1.00	27.949	01-01-20	27.949	1.00	27.949
2. Schedule repayment date of principal	01-01-20	27.949	1.00	27.949	01-04-20	27.949	1.00	27.949	01-04-21	27.949	1.00	27.949	03-05-21	27.949	1.00	27.949	03-05-22	27.949	1.00	27.949
3. Scheduled payment date of interest	-	1.00	-	-	-	1.00	-	-	-	1.00	-	-	01-04-22	1.00	-	-	01-04-23	1.00	-	-
4. Withholding tax including surcharge on interest	-	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-	1.00	-	-
5. Schedule repayment date of principal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. Scheduled payment date of interest	-	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-	1.00	-	-	-	1.00	-	-
7. Withholding tax including surcharge on interest	01-02-20	-	1.00	-	03-05-20	1.340	1.00	1.340	03-05-21	2.028	1.00	2.028	03-05-22	2.028	1.00	2.028	03-05-23	2.028	1.00	2.028
At the end of Financial year	31-03-20	27.949	1.00	27.949	31-03-21	27.949	1.00	27.949	31-03-22	27.949	1.00	27.949	31-03-23	27.949	1.00	27.949	31-03-24	27.949	1.00	27.949

Darlipali STPS Stage-I

Financial Year (Starting from COD)	2019-20 (01.01.2020 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
A. Currency 1 JPY																				
1. At the date of draw (COD)	01-01-20	40.033	0.67	26.662	01-01-20	40.033	0.67	26.661.67	01-01-20	40.032.54	0.67	26.661.67	01-01-20	40.032.54	0.67	26.661.67	01-01-20	40.032.54	0.67	26.661.67
2. Schedule repayment date of principal	01-01-20	40.033	0.67	26.662	01-04-20	40.033	0.67	26.661.67	01-04-21	40.032.54	0.67	26.661.67	01-04-22	40.032.54	0.67	26.661.67	11-10-21	40.032.54	0.67	26.661.67
3. Scheduled payment date of interest	-	0.67	-	-	-	0.67	-	-	-	0.67	-	-	01-04-22	0.67	-	-	11-10-22	0.67	-	-
4. Withholding tax including surcharge on interest	-	0.67	-	-	13-04-20	199	0.67	72.47	13-04-21	194	0.67	129.46	13-04-22	194	0.67	129.46	13-04-23	194	0.67	129.46
5. Schedule repayment date of principal	-	0.67	-	-	13-04-20	6	0.67	4.19	13-04-21	11	0.67	7.48	13-04-22	11	0.67	7.48	13-04-23	11	0.67	7.48
6. Scheduled payment date of interest	-	0.67	-	-	-	0.67	-	-	-	0.67	-	-	-	0.67	-	-	-	0.67	-	-
7. Withholding tax including surcharge on interest	01-02-20	0.67	-	11-10-20	191	0.67	127.35	11-10-21	191	0.67	127.35	11-10-22	191	0.67	127.35	11-10-23	191	0.67	127.35	
At the end of Financial year	31-03-20	40.033	0.67	26.662	31-03-21	40.033	0.67	26.661.67	31-03-22	40.032.54	0.67	26.661.67	31-03-23	40.032.54	0.67	26.661.67	31-03-24	40.032.54	0.67	26.661.67

Darlipali STPS Stage-I

Financial Year (Starting from COD)	2019-20 (01.01.2020 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
A. Currency 1 JPY																				
1. At the date of draw (COD)	01-01-20	13.696	0.67	9.122	01-01-20	13.696	0.67	9.122	01-01-20	13.696	0.67	9.122	01-01-20	13.696.05	0.67	9.122	01-01-20	13.696.05	0.67	9.122
2. Schedule repayment date of principal	01-01-20	13.696	0.67	9.122	01-04-20	13.696	0.67	9.122	01-04-21	13.696	0.67	9.122	01-04-22	13.696.05	0.67	9.122	01-04-23	13.696.05	0.67	9.122
3. Scheduled payment date of interest	-	0.67	-	-	-	0.67	-	-	-	0.67	-	-	13-04-22	0.67	-	-	11-10-22	0.67	-	-
4. Withholding tax including surcharge on interest	-	0.67	-	-	13-04-20	37	0.67	25	13-04-21	87	0.67	44	13-04-22	67	0.67	44	13-04-23	67	0.67	44
5. Schedule repayment date of principal	-	0.67	-	-	13-04-20	2	0.67	1	13-04-21	4	0.67	3	13-04-22	4	0.67	3	13-04-23	4	0.67	3
6. Scheduled payment date of interest	-	0.67	-	-	-	0.67	-	-	-	0.67	-	-	-	0.67	-	-	-	0.67	-	-
7. Withholding tax including surcharge on interest	01-02-20	0.67	-	11-10-20	65	0.67	44	11-10-21	65	0.67	44	11-10-22	65	0.67	44	11-10-23	65	0.67	44	
At the end of Financial year	31-03-20	13.696	0.67	9.122	31-03-21	13.696	0.67	9.122	31-03-22	13.696	0.67	9.122	31-03-23	13.696.05	0.67	9.122	31-03-24	13.696.05	0.67	9.122

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Signature

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Form-4

Details of Foreign Loan
(Details only in respect of loans applicable to the project under petition)

Name of the company: **NTPC Limited**
 Name of the Power Station: **Darlipali STPS Stage-I**
 Exchange Rate at COD: **31-12-2018 USD = Rs. 71.86 EUR = Rs. 81.06 JPY = Rs. 0.6660**
 Exchange Rate as on: **31-12-2018 USD = Rs. 71.86 EUR = Rs. 81.06 JPY = Rs. 0.6660**

Darlipali STPS Stage-I

Financial Year (Starting from COD)	(Amount in Lacs)																			
	2019-20 (01.01.2020 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
A. Currency 1 USD																				
1. At the date of draw (COD)	01-01-20	382.97	71.86	27,520	01-01-20	382.97	71.86	27,520	01-01-20	382.97	71.86	27,520	01-01-20	382.97	71.86	27,520	01-01-20	382.97	71.86	27,520
2. Loan repayment upto previous period																				
3. Net loan at the Beginning of the period	01-01-20	382.97	71.86	27,520	01-04-20	382.97	71.86	27,520	01-04-21	382.97	71.86	27,520	01-04-22	382.97	71.86	27,520	01-04-23	382.97	71.86	27,520
4. Schedule repayment date of principal																				
5. Schedule payment date of interest																				
6. Withholding tax including surcharge on interest																				
7. Schedule repayment date of principal																				
8. Schedule payment date of interest																				
9. Withholding tax including surcharge on interest																				
At the end of Financial year	31-03-20	382.97	71.86	27,520	31-03-21	382.97	71.86	27,520	31-03-22	382.97	71.86	27,520	31-03-23	382.97	71.86	27,520	31-03-24	382.97	71.86	27,520

Darlipali STPS Stage-I

Financial Year (Starting from COD)	(Amount in Lacs)																			
	2019-20 (01.01.2020 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
A. Currency 1 JPY																				
1. At the date of draw (COD)	01-01-20	8,580	0.67	5,715	01-01-20	8,580	0.67	5,715	01-01-20	8,580	0.67	5,715	01-01-20	8,580	0.67	5,715	01-01-20	8,580	0.67	5,715
2. Loan repayment upto previous period																				
3. Net loan at the Beginning of the period	01-01-20	8,580	0.67	5,715	01-04-20	8,580	0.67	5,715	01-04-21	8,580	0.67	5,715	01-04-22	8,580	0.67	5,715	01-04-23	8,580	0.67	5,715
4. Schedule repayment date of principal																				
5. Schedule payment date of interest																				
6. Withholding tax including surcharge on interest																				
7. Schedule repayment date of principal																				
8. Schedule payment date of interest																				
9. Withholding tax including surcharge on interest																				
At the end of Financial year	31-03-20	8,580	0.67	5,715	31-03-21	8,580	0.67	5,715	31-03-22	8,580	0.67	5,715	31-03-23	8,580	0.67	5,715	31-03-24	8,580	0.67	5,715

Darlipali STPS Stage-I

Financial Year (Starting from COD)	(Amount in Lacs)																			
	2019-20 (01.01.2020 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
A. Currency 1 JPY																				
1. At the date of draw (COD)	01-01-20	16,229	0.67	10,808	01-01-20	16,229	0.67	10,808	01-01-20	16,229	0.67	10,808	01-01-20	16,229	0.67	10,808	01-01-20	16,229	0.67	10,808
2. Loan repayment upto previous period																				
3. Net loan at the Beginning of the period	01-01-20	16,229	0.67	10,808	01-04-20	16,229	0.67	10,808	01-04-21	16,229	0.67	10,808	01-04-22	16,229	0.67	10,808	01-04-23	16,229	0.67	10,808
4. Schedule repayment date of principal																				
5. Schedule payment date of interest																				
6. Withholding tax including surcharge on interest																				
7. Schedule repayment date of principal																				
8. Schedule payment date of interest																				
9. Withholding tax including surcharge on interest																				
At the end of Financial year	31-03-20	16,229	0.67	10,808	31-03-21	16,229	0.67	10,808	31-03-22	16,229	0.67	10,808	31-03-23	16,229	0.67	10,808	31-03-24	16,229	0.67	10,808

Darlipali STPS Stage-I

Financial Year (Starting from COD)	(Amount in Lacs)																			
	2019-20 (01.01.2020 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
A. Currency 1 USD																				
1. At the date of draw (COD)	01-01-20	311.21	71.86	22,364	01-01-20	311.21	71.86	22,364	01-01-20	311.21	71.86	22,364	01-01-20	311.21	71.86	22,364	01-01-20	311.21	71.86	22,364
2. Loan repayment upto previous period																				
3. Net loan at the Beginning of the period	01-01-20	311.21	71.86	22,364	01-04-20	311.21	71.86	22,364	01-04-21	311.21	71.86	22,364	01-04-22	311.21	71.86	22,364	01-04-23	311.21	71.86	22,364
4. Schedule repayment date of principal																				
5. Schedule payment date of interest																				
6. Withholding tax including surcharge on interest																				
7. Schedule repayment date of principal																				
8. Schedule payment date of interest																				
9. Withholding tax including surcharge on interest																				
At the end of Financial year	31-03-20	311.21	71.86	22,364	31-03-21	311.21	71.86	22,364	31-03-22	311.21	71.86	22,364	31-03-23	311.21	71.86	22,364	31-03-24	311.21	71.86	22,364

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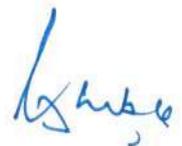
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Financial Package upto COD

Name of the Company	NTPC Ltd
Name of the Power Station	DARLIPALLI STPS Stage-I
Project Cost as on COD	
Date of Commercial Operation of the Station	
Debt : Equity Ratio	

(Rs. In lakhs)

Particulars	Financial Package as Approved		Financial Package as on 31.12.2019			
	Currency and Amount		Currency and Amount		Currency and Amount	
1	2	3	4	5	6	7
Bank of India-II						
HDFC Bank Limited-III			INR	20,000	INR	
HDFC Bank Limited-IV			INR	4,800	INR	
HDFC Bank Limited-V			INR	10,000	INR	
HDFC Bank Limited-VI			INR	7,500	INR	
HDFC Bank Limited-VII			INR	3,400	INR	
ICICI Bank Limited-IV			INR	5,000	INR	
PNB-III			INR	27,300	INR	
PNB-IV			INR	10,500	INR	
State Bank of India - VIII			INR	27,300	INR	
State Bank of India -IX			INR	39,700	INR	
State Bank of India - X			INR	11,800	INR	
State Bank of India - XI			INR	35,500	INR	
State Bank of India - XII			INR	26,000	INR	
Vijaya Bank-VI			INR	26,100	INR	
Bond 69			INR	2,000	INR	
Bond 66			INR	40,000	INR	
Bond 65			INR	36,400	INR	
Bond 64			INR	10,000	INR	
Bond 63			INR	7,500	INR	
Bond 62			INR	10,100	INR	
Bond 61			INR	5,400	INR	
Bond 58			INR	5,000	INR	
Bond 54			INR	13,500	INR	
Bond 52			INR	49,200	INR	
Bond 51-C			INR	36,800	INR	
7.25% Fixed Rate Note due 2022			INR	10,000	INR	
3.75 % Euro Bonds 2024 II			INR	27,949	INR	
JPY Equ. 300Million B			INR	22,364	INR	
JPY Equ. 300Million A			INR	10,808	INR	
4.5% Euro Bonds			INR	5,715	INR	
JPY Equ. 350Million B			INR	27,520	INR	
JPY Equ. 350Million A			INR	9,122	INR	
2.75% Euro Bonds 2027			INR	26,662	INR	
4.25% Euro Bonds			INR	50,627	INR	
4.375% Euro Bonds			INR	67,599	INR	
Mizuho II B			INR	8,743	INR	
Mizuho II A			INR	4,406	INR	
Total			INR	97	INR	
Cumulative Repayment upto 31.12.2019				742,410		
Net Laon				31,300		
				711,110		




Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

T00001

BP NO 5050000361

Unsecured Loan From Bank Of India-II

Source of Loan :	Bank Of India-II	
Currency :	INR	
Amount of Loan :	20000000000	
Total Drawn amount :	5000000000	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00001 - 3-10.25%,D00004 -9- 10.20%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	5 Years	
Moratorium effective from :		
Repayment Period (Inc Moratorium)	15 Years	
Repayment Frequency :	10 Half-Yearly	
Repayment Type :	AVG	
First Repayment Date :	28.06.2019	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :		
Project Code	Project Name	Amount
	BARH-II	1,100,000,000.00
	VINDHYACHAL-V	750,000,000.00
	KUDGI-I	450,000,000.00
	LATA TAPOVAN	450,000,000.00
	LARA-I	250,000,000.00
	DARLIPALLI	2,000,000,000.00
Total Allocated Amount		5,000,000,000.00

Statement Giving Details of Project Financed through a Combination of loan
Form 8

TRANCHE NO

BP NO 5050000421

T00001

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Unsecured Loan From HDFC Bank Ltd.-III		
Source of Loan :	HDFC Bank Ltd.-III	
Currency :	INR	
Amount of Loan :	15,000,000,000	
Total Drawn amount :	2,000,000,000	
Date of Drawal:	11.07.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Intere	D00005-9.10%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	04.12.2014	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	04.12.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rat	N.A.	
Project Code	Project Name	Amount
	TAPOVAN VISHNUGAD	90,000,000
	SOLAPUR	90,000,000
	GADARWARA	360,000,000
	UNCHA HAR STPP IV	150,000,000
	NORTH KARANPURA	40,000,000
	DARLIPALLI	480,000,000
	TANDA-II	90,000,000
	ANANTPUR SOLAR	90,000,000
	MOUDA-II	200,000,000
	KUDGI	310,000,000
	PAKRI BARWADIH	100,000,000
Total Allocated Amount		2,000,000,000

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Form 8
 TRANCHE NO
 T00001

BP NO 5050000521

D00005

Unsecured Loan From HDFC Bank Ltd.-IV		
Source of Loan :	HDFC Bank Ltd.-IV	
Currency :	INR	
Amount of Loan :	20,000,000,000	
Total Drawn amount :	2,550,000,000	
Date of drawl	02.07.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.00%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	02.07.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	17.04.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BHADLA SOLAR PV	300,000,000
	DARLIPALLI	1,000,000,000
	RAMMAM	100,000,000
	TELANGANA	1,150,000,000
Total Allocated Amount		2,550,000,000

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**Statement Giving Details of Project Financed through a Combination of loan
Form 8**

TRANCHE NO

BP NO 5050000561

T00001

D00006

Unsecured Loan From HDFC Bank Ltd. V		
Source of Loan :	HDFC Bank Ltd. V	
Currency :	INR	
Amount of Loan :	25,000,000,000	
Total Drawn amount :	1,000,000,000	
Date of drawl	21.12.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	7.85%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	21.12.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	25.09.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	DARLIPALLI	500,000,000.00
	KHARGONE	400,000,000.00
	TELANGANA	100,000,000.00
Total Allocated Amount		1,000,000,000

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

T00001

D00007

BP NO 5050000561

Unsecured Loan From HDFC Bank Ltd. V

Source of Loan :	HDFC Bank Ltd. V	
Currency :	INR	
Amount of Loan :	25,000,000,000	
Total Drawn amount :	1,500,000,000	
Date of drawl	01.01.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	7.85%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	01.01.2018	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	25.09.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BONGAIGOAN	110,000,000
	DARLIPALLI	250,000,000
	RAMMAM	100,000,000
	KHARGONE	770,000,000
	BHADLA SOLAR PV	20,000,000
	ROJMAL WIND	30,000,000
	MOUDA-II	220,000,000
Total Allocated Amount		1,500,000,000

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000641

T00001

D00002

Unsecured Loan From HDFC Bank Ltd. VI

Source of Loan :	HDFC Bank Ltd. VI	
Currency :	INR	
Amount of Loan :	15,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of drawl	11.10.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.30%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	11.10.2018	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	26.09.2025	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	550,000,000
	TAPOVAN VISHNUGARH	100,000,000
	BONGAIGAON	100,000,000
	SOLAPUR	140,000,000
	LARA-I	330,000,000
	GADARWARA	680,000,000
	NORTH KARANPURA	420,000,000
	DARLIPALLI	340,000,000
	TANDA II	310,000,000
	RAMMAM	30,000,000
	KHARGONE	480,000,000
	TELANGANA	420,000,000
	AURAIYA R&M	500,000,000
	NCTPP R&M	100,000,000
	KAWAS R&M	150,000,000
	GANDHAR R&M	350,000,000
Total Allocated Amount		5,000,000,000

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**Statement Giving Details of Project Financed through a Combination of loan
Form 8**

BP NO 5050000791

TRANCHE NO

T00001

D00001

Unsecured Loan From HDFC Bank Ltd. VII	
Source of Loan :	HDFC Bank Ltd. VII
Currency :	INR
Amount of Loan :	25,000,000,000
Total Drawn amount :	3,850,000,000
Date of draw	11.06.2019
Interest Type :	Floating
Fixed Interest Rate :	
Base Rate, If Floating Interest	8.40%
Margin, If Floating Interest :	NIL
Are there any Caps/ Floor :	Y/N
Frequency of Intt. Payment	MONTHLY
If Above is yes, specify Caps/ Floor :	
Moratorium Period :	6 Years
Moratorium effective from :	11.06.2019
Repayment Period (Inc Moratorium) :	
Repayment Period (Inc Moratorium) :	15 Years
Repayment Frequency :	9 Yearly Instalment
Repayment Type :	AVG
First Repayment Date :	11.06.2026
Base Exchange Rate :	RUPEE
Date of Base Exchange Rate :	N.A.
Project Code	
Project Name	Amount
BONGAIGAON	1,210,000,000
LARA	280,000,000
TAPOVAN VISHNUGAD	150,000,000
BARH-I	980,000,000
GADARWARA	200,000,000
CHATTI BARIATU CMB	180,000,000
DARLIPALLI	200,000,000
DULANGA CMB	350,000,000
TALAIPALI CMB	300,000,000
Total Allocated Amount	3,850,000,000

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000791

T00001

D00002

Unsecured Loan From HDFC Bank Ltd. VII

Source of Loan :	HDFC Bank Ltd. VII	
Currency :	INR	
Amount of Loan :	25,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of drawl	21.06.2019	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.40%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	21.06.2019	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	11.06.2026	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	NCPS-FGD	100,000,000
	FSTPS R&M	100,000,000
	KORBA-R&M	100,000,000
	SOLAPUR	500,000,000
	MOUDA-II	500,000,000
	TELANGANA	300,000,000
	Singrauli-R&M	300,000,000
	Simhadri-R&M	150,000,000
	Korba-R&M	100,000,000
	Ramagundam-R&M	100,000,000
	VSTPS R&M	100,000,000
	TANDA-II	300,000,000
	DARLIPALLI	300,000,000
	NORTH KARANPURA	300,000,000
	GADARWARA	400,000,000
	LARA-I	150,000,000
	BARH-I	1,200,000,000
Total Allocated Amount		5,000,000,000

Signature

Signature

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000451

T00001

D00001

Unsecured Loan From ICICI-IV		
Source of Loan :	ICICI-IV	
Currency :	INR	
Amount of Loan :	20,000,000,000	
Total Drawn amount :	1,000,000,000	
Date of Drawal	16.02.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00001 -9.35%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	16.02.2016	
Repayment Period (Inc Moratorium) :		
	15 years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	16.02.2023	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	DARLIPALLI	600,000,000.00
	TANDA-II	400,000,000.00
Total Allocated Amount		1,000,000,000.00

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 50500000451

T00001

D00002

Unsecured Loan From ICICI-IV		
Source of Loan :	ICICI-IV	
Currency :	INR	
Amount of Loan :	20,000,000,000	
Total Drawn amount :	2,000,000,000	
Date of Drawal	25.07.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00002 -9.15%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	25.07.2016	
Repayment Period (Inc Moratorium) :	15 years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	16.02.2023	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	GADARWARA	570,000,000.00
	UNCHAHR STPP IV	300,000,000.00
	DARLIPALLI	1,130,000,000.00
Total Allocated Amount		2,000,000,000.00

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**Statement Giving Details of Project Financed through a Combination of loan
Form 8**

BP NO 50500000451

TRANCHE NO

T00001

D00003

Unsecured Loan From ICICI-IV		
Source of Loan :	ICICI-IV	
Currency :	INR	
Amount of Loan :	20,000,000,000	
Total Drawn amount :	2,500,000,000	
Date of Drawal :	21.09.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest :	D00003 -9.10%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment :	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	21.09.2016	
Repayment Period (Inc Moratorium) :	15 years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	16.02.2023	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	LARA	300,000,000.00
	GADARWARA	550,000,000.00
	UNCHA HAR STPP IV	150,000,000.00
	NORTH KARANPURA	300,000,000.00
	DARLIPALLI	500,000,000.00
	TANDA-II	150,000,000.00
	KHARGONE	150,000,000.00
	PAKRI BARWADIH	300,000,000.00
	CHATTI BARIATU	100,000,000.00
Total Allocated Amount		2,500,000,000.00

Signature

Signature

**Statement Giving Details of Project Financed through a Combination of loan
Form 8**

BP NO 50500000451

TRANCHE NO

T00001

D00004

Unsecured Loan From ICICI-IV		
Source of Loan :	ICICI-IV	
Currency :	INR	
Amount of Loan :	20,000,000,000	
Total Drawn amount :	2,250,000,000	
Date of Drawal	29.09.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00004 -9.10%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	29.09.2016	
Repayment Period (Inc Moratorium) :	15 years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	16.02.2023	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	LARA	300,000,000.00
	GADARWARA	300,000,000.00
	UNCHAHR STPP IV	50,000,000.00
	NORTH KARANPURA	300,000,000.00
	DARLIPALLI	300,000,000.00
	TANDA-II	300,000,000.00
	KHARGONE	150,000,000.00
	KUDGI	300,000,000.00
	ANANTPUR SOLAR	170,000,000.00
	PAKRI BARWADIH	80,000,000.00
Total Allocated Amount		2,250,000,000.00

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

T00001

BP NO 50500000451

D00006

Unsecured Loan From ICICI-IV		
Source of Loan :	ICICI-IV	
Currency :	INR	
Amount of Loan :	20,000,000,000	
Total Drawn amount :	1,000,000,000	
Date of Drawal	02.12.2016	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00006-8.80%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	02.12.2016	
Repayment Period (Inc Moratorium) :	15 years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	16.02.2023	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KUDGI-I	300,000,000.00
	DARLIPALLI	200,000,000.00
	LARA	130,000,000.00
	GADARWARA	250,000,000.00
	NORTH KARANPURA	120,000,000.00
Total Allocated Amount		1,000,000,000.00

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

T00001

D00001

BP NO 5050000571

Unsecured Loan From Punjab National Bank-III		
Source of Loan :	Punjab National Bank-III	
Currency :	INR	
Amount of Loan :	20,000,000,000	
Total Drawn amount :	3,000,000,000	
Date of Drawl	01.02.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	7.80%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	01.02.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	01.02.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BONGAIGAON	250,000,000.00
	SOLAPUR	350,000,000.00
	NORTH KARANPURA	1,000,000,000.00
	DARLIPALLI	400,000,000.00
	KUDGI	1,000,000,000.00
Total Allocated Amount		3,000,000,000.00

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000571

T00001

D00002

Unsecured Loan From Punjab National Bank-III		
Source of Loan :	Punjab National Bank-III	
Currency :	INR	
Amount of Loan :	20,000,000,000	
Total Drawn amount :	3,000,000,000	
Date of Drawl	28.02.2018	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	7.80%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	28.02.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	01.02.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	DARLIPALLI	650,000,000.00
	KHARGONE	1,350,000,000.00
Total Allocated Amount		2,000,000,000.00

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**Statement Giving Details of Project Financed through a Combination of loan
Form 8**

BP NO 5050000711

TRANCHE NO

T00001

D00001

Unsecured Loan From Punjab National Bank-IV		
Source of Loan :	Punjab National Bank-III	
Currency :	INR	
Amount of Loan :	20,000,000,000	
Total Drawn amount :	20,000,000,000	
Date of Drawl	01.01.2019	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	8.60%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	01.01.2019	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Instalment	
Repayment Type :	AVG	
First Repayment Date :	01.02.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	UNCHA HAR STPP IV	650,000,000.00
	TANDA-II	850,000,000.00
	NCTPP-II	364,300,000.00
	DADRI GAS R&M	560,000,000.00
	KORBA-III	150,000,000.00
	SIPAT-II	171,400,000.00
	FARAKKA-III	85,700,000.00
	KAHALGAON-II	171,400,000.00
	BARH-I	1,085,700,000.00
	BARH-II	80,000,000.00
	NORTH KARANPURA	1,090,000,000.00
	KOLDAM	64,300,000.00
	TAPOVAN VISHNUGAD	285,700,000.00
	PAKRI BARWADIH	1,420,000,000.00
	CHATTI BARIATU	100,000,000.00
	BONGAIGAON	364,300,000.00
	KUDGI	600,000,000.00
	LARA	1,230,000,000.00
	GADARWARA	2,277,200,000.00
	DARLIPALLI	2,730,000,000.00
	KHARGONE	500,000,000.00
	ANANTPUR SOLAR	170,000,000.00
	TALAIPALI COAL MINE	5,000,000,000.00
Total Allocated Amount		20,000,000,000.00

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**Statement Giving Details of Project Financed through a Combination of loan
Form 8**

BP NO 5050000442

**TRANCHE NO
T00001**

D0004

Unsecured Loan From SBI-VIII

Source of Loan :	SBI-VIII
Currency :	INR
Amount of Loan :	100,000,000,000
Total Drawn amount :	10,000,000,000
Interest Type :	Floating
Fixed Interest Rate :	-----
Base Rate, If Floating Interest	D0004-9.70%
Margin, If Floating Interest :	0.00%
Are there any Caps/ Floor :	Y/N
Frequency of Intt. Payment	Monthly

If Above is yes, specify Caps/ Floor :

Moratorium Period :	6 Years
Moratorium effective from :	04.08.2015

Repayment Period (Inc Moratorium) :	15 Years
Repayment Frequency :	9 Yearly Installments
Repayment Type :	AVG
First Repayment Date :	31.01.2022
Base Exchange Rate :	RUPEE
Date of Base Exchange Rate :	N.A.

Project Code	Project Name	Amount
	BARH-II	230,000,000
	BARH-I	450,000,000
	BONGAIGAON	610,000,000
	DARLIPALLI	680,000,000
	GADARWARA	1,250,000,000
	KOLDAM	290,000,000
	KUDGI-I	1,130,000,000
	LARA-I	1,650,000,000
	MOUDA-II	840,000,000
	NORTH KARANPURA	240,000,000
	RAMMAM	90,000,000
	SOLAPUR	1,110,000,000
	TANDA-II	70,000,000
	TAPOVAN VISHNUGARH	380,000,000
	UNCHAHAAR-IV	410,000,000
	VINDHYACHAL-V	570,000,000
Total Allocated Amount		10,000,000,000.00

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Group

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

T00001

D0005

BP NO 5050000442

Unsecured Loan From SBI-VIII

Source of Loan :	SBI-VIII
Currency :	INR
Amount of Loan :	100,000,000,000
Total Drawn amount :	5,000,000,000
Interest Type :	Floating
Fixed Interest Rate :	-----
Base Rate, If Floating Interest	D0005-9.70%
Margin, If Floating Interest :	0.00%
Are there any Caps/ Floor :	Y/N
Frequency of Intt. Payment	Monthly
If Above is yes, specify Caps/ Floor :	
Moratorium Period :	6 Years
Moratorium effective from :	23.09.2015
Repayment Period (Inc Moratorium) :	
Repayment Period (Inc Moratorium) :	15 Years
Repayment Frequency :	9 Yearly Installments
Repayment Type :	AVG
First Repayment Date :	31.01.2022
Base Exchange Rate :	RUPEE
Date of Base Exchange Rate :	N.A.
Project Code	
Project Name	Amount
BARH-I	200,000,000
BONGAIGAON	100,000,000
DARLIPALLI	550,000,000
GADARWARA	1,550,000,000
KUDGI	1,300,000,000
LARA	450,000,000
MOUDA-II	350,000,000
SOLAPUR	300,000,000
UNCHAHAR-IV	200,000,000
Total Allocated Amount	5,000,000,000.00

Signature

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Statement Giving Details of Project Financed through a Combination of loan
Form 8

TRANCHE NO
T00001

BP NO 5050000442

D0007

Unsecured Loan From SBI-VIII

Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	3,500,000,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D0007-9.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	15.10.2015	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	120,000,000
	TAPOVAN VISHNUGAD	590,000,000
	BONGAIGAON	110,000,000
	SOLAPUR	430,000,000
	LARA	900,000,000
	GADARWARA	290,000,000
	NORTH KARANPURA	50,000,000
	DARLIPALLI	270,000,000
	KUDGI-I	190,000,000
	KOLDAM	100,000,000
	VINDHYACHAL-V	450,000,000
Total Allocated Amount		3,500,000,000.00

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Statement Giving Details of Project Financed through a Combination of loan
Form 8

TRANCHE NO
T00001

BP NO 5050000442

D0008

Unsecured Loan From SBI-VIII

Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	5,000,000,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D0008-9.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	21.10.2015	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	540,000,000
	TAPOVAN VISHNUGAD	130,000,000
	BONGAIGAON	230,000,000
	BARH-II	220,000,000
	KUDGI-I	810,000,000
	MOUDA-II	250,000,000
	SOLAPUR	350,000,000
	VINDHYACHAL-V	130,000,000
	LARA-I	850,000,000
	GADARWARA	490,000,000
	UNCHAHAR-IV	100,000,000
	NORTH KARANPURA	80,000,000
	DARLIPALLI	340,000,000
	TANDA-II	260,000,000
	PAKRI BARWADIH	120,000,000
	RIHAND-III	100,000,000
	Total Allocated Amount	5,000,000,000

Group

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BP NO 5050000442

TRANCHE NO
T00001

D00011

Unsecured Loan From SBI-VIII

Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	3,000,000,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00011-9.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	30.10.2015	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	310,000,000
	BONGAIGOAN	300,000,000
	DARLIPALLI	160,000,000
	GADARWARA	720,000,000
	KHARGONE	50,000,000
	LARA-I	330,000,000
	MOUDA-II	260,000,000
	NORTH KARANPURA	80,000,000
	TANDA-II	150,000,000
	TAPOVAN VISHNUGARH	210,000,000
	UNCHAHAR-IV	70,000,000
	PAKRI BARWADIH	40,000,000
	CHATTI BARIATU	90,000,000
	SIMHADRI-II	120,000,000
	RAMAGUNDAM R&M	110,000,000
Total Allocated Amount		3,000,000,000




Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

T00001

D00012

BP NO 5050000442

Unsecured Loan From SBI-VIII

Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	4,000,000,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00012-9.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	12.11.2015	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	250,000,000
	BONGAIGAON	320,000,000
	DARLIPALLI	220,000,000
	GADARWARA	560,000,000
	KUDGI	300,000,000
	LARA	230,000,000
	MOUDA-II	440,000,000
	NORTH KARANPURA	170,000,000
	PAKRI BARWADIH	110,000,000
	SOLAPUR	620,000,000
	TANDA-II	150,000,000
	TAPOVAN VISHNUGAD	180,000,000
	UNCHAAR-IV	120,000,000
	VINDHYACHAL-V	130,000,000
	MOUDA-I	200,000,000
Total Allocated Amount		4,000,000,000

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000442

T00001

D00013

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	4,000,000,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00013-9.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	01.12.2015	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	180,000,000
	BONGAIGOAN	140,000,000
	DARLIPALLI	450,000,000
	GADARWARA	500,000,000
	KUDGI	450,000,000
	LARA	720,000,000
	MOUDA-II	320,000,000
	SOLAPUR	450,000,000
	UNCHAHAR-IV	210,000,000
	RAMMAM	150,000,000
	BARH-II	180,000,000
	VINDHYACHAL-IV	130,000,000
	MOUDA-I	120,000,000
Total Allocated Amount		4,000,000,000

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BP NO 5050000442

TRANCHE NO

T00001

D00014

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	3,000,000,000	
Date of Drawl	01.01.2016	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00014-9.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	01.01.2016	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	90,000,000
	BONGAIGOAN	220,000,000
	DARLIPALLI	350,000,000
	KUDGI-I	670,000,000
	LARA-I	770,000,000
	PAKRI BARWADIH	160,000,000
	TANDA-II	250,000,000
	TAPOVAN VISHNUGARH	120,000,000
	UNCHAHAR STPP IV	100,000,000
	KHARGONE	170,000,000
	VINDHYACHAL-V	100,000,000
Total Allocated Amount		3,000,000,000.00

**Statement Giving Details of Project Financed through a Combination of loan
Form 8**

BP NO 5050000442

**TRANCHE NO
T0001**

D00015

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	1,500,000,000	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00015-9.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	29.01.2016	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	350,000,000
	BONGAIGAON	200,000,000
	DARLIPALLI	200,000,000
	UNCHAHAR-IV	200,000,000
	GADARWARA	200,000,000
	MOUDA-II	200,000,000
	BARH-II	150,000,000
Total Allocated Amount		1,500,000,000

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**Statement Giving Details of Project Financed through a Combination of loan
Form 8**

BP NO 5050000442

TRANCHE NO

T00001

D00023

Unsecured Loan From SBI-VIII		
Source of Loan :	SBI-VIII	
Currency :	INR	
Amount of Loan :	100,000,000,000	
Total Drawn amount :	2,000,000,000	
Date of Drawl	10.10.2016	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D00023-9.10%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	10.10.2016	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.01.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	KUDGI	750,000,000
	BARH-I	500,000,000
	DARLIPALLI	750,000,000
Total Allocated Amount		2,000,000,000

Lyubov

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**Statement Giving Details of Project Financed through a Combination of loan
Form 8**

BP NO 5050000531

TRANCHE NO
T00001

D0001

Unsecured Loan From SBI-IX		
Source of Loan :	SBI-IX	
Currency :	INR	
Amount of Loan :	30,000,000,000	
Total Drawn amount :	0	
Date of Drawal:	17.04.2017	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.90%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	17.04.2017	
Repayment Period (Inc Moratorium) :		
	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code		
	Project Name	Amount
	BARH-I	400,000,000
	TAPOVAN VISHNUGARH	270,000,000
	BONGAIGAON	360,000,000
	SINGRAULI8 MW SMALL HYDRO	60,000,000
	GADARWARA	580,000,000
	DARLIPALLI	730,000,000
	RAMMAM	130,000,000
	KUDGI	470,000,000

Signature

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000531

T00001

D0010

Unsecured Loan From SBI-IX		
Source of Loan :	SBI-IX	
Currency :	INR	
Amount of Loan :	30,000,000,000	
Total Drawn amount :	6,850,000,000	
Date of Drawal:	29.06.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.85%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	29.06.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2021	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	400,000,000
	TAPOVAN VISHNUGARH	150,000,000
	BONGAIGAON	150,000,000
	SOLAPUR	200,000,000
	LARA-I	550,000,000
	GADARWARA	1,000,000,000
	NORTH KARANPURA	600,000,000
	DARLIPALLI	450,000,000
	TANDA II	600,000,000
	RAMMAM	100,000,000
	KHARGONE	750,000,000
	TELANGANA	750,000,000
	TTPS R&M	100,000,000
	VINDHYACHAL R&M	100,000,000
	FARAKKA R&M	500,000,000
	DADRI GAS R&M	450,000,000
Total Allocated Amount		6,850,000,000.00

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Exhibe

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000551

T00001

D00001

Unsecured Loan From SBI-X		
Source of Loan :	SBI- X	
Currency :	INR	
Amount of Loan :	40,000,000,000	
Total Drawn amount :	10,000,000,000	
Date of Drawal:	25.09.2017	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.90%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	25.09.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	2,409,700,000
	TAPOVAN VISHNUGARH	550,400,000
	BONGAIGAON	2,110,300,000
	SOLAPUR	1,496,600,000
	LARA	489,000,000
	GADARWARA	762,500,000
	UNCHA HAR STPP IV	300,000,000
	NORTH KARANPURA	1,020,000,000
	DARLIPALLI	600,000,000
	TANDA-II	261,500,000
Total Allocated Amount		10,000,000,000.00

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000551

T00001

D00002

Unsecured Loan From SBI-X		
Source of Loan :	SBI- X	
Currency :	INR	
Amount of Loan :	40,000,000,000	
Total Drawn amount :	2,000,000,000	
Date of Drawal:	04.10.2017	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.90%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	04.10.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	SOLAPUR	200,000,000
	LARA	200,000,000
	DARLIPALLI	250,000,000
	TANDA-II	350,000,000
	KHARGONE	300,000,000
	TELANGANA	150,000,000
	BARH - II	150,000,000
	KOLDAM	200,000,000
	PAKRI BARWADIH CMB	200,000,000
Total Allocated Amount		2,000,000,000.00

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6/10/17

Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000551

T00001

D00007

Unsecured Loan From SBI-X		
Source of Loan :	SBI-X	
Currency :	INR	
Amount of Loan :	40,000,000,000	
Total Drawn amount :	10,000,000,000	
Date of Drawal:	12.03.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	D0001-7.9%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	12.03.2018	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	500,000,000
	TAPOVAN VISHNUGARH	600,000,000
	GADARWARA	600,000,000
	NORTH KARANPURA	1,800,000,000
	DARLIPALLI	2,200,000,000
	TANDA-II	1,500,000,000
	KHARGONE	1,800,000,000
	TELANGANA	1,000,000,000
Total Allocated Amount		10,000,000,000.00

Signature

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000551

T00001

D00010

Unsecured Loan From SBI-X		
Source of Loan :	SBI-X	
Currency :	INR	
Amount of Loan :	40,000,000,000	
Total Drawn amount :	3,000,000,000	
Date of Drawal:	29.05.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	7.85%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	29.05.2018	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2024	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	LARA-I	1,050,000,000
	DARLIPALLI	500,000,000
	PAKRI BARWADIH CMB	650,000,000
	KHARGONE	800,000,000
Total Allocated Amount		3,000,000,000.00

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**Statement Giving Details of Project Financed through a Combination of loan
Form 8**

BP NO 5050000661

TRANCHE NO

T00001

D00002

Unsecured Loan From SBI-XI		
Source of Loan :	SBI-XI	
Currency :	INR	
Amount of Loan :	50,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of Drawal:	16.10.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	16.10.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	NORTH KARANPURA	950,000,000
	DARLIPALLI	1,000,000,000
	KHARGONE	1,200,000,000
	TELANGANA	900,000,000
	DULANGA COAL MINE	250,000,000
	TALAIPALI COAL MINE	700,000,000
Total Allocated Amount		5,000,000,000.00

Signature

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**Statement Giving Details of Project Financed through a Combination of loan
Form 8**

BP NO 5050000661

TRANCHE NO
T00001

D00004

Unsecured Loan From SBI-XI		
Source of Loan :	SBI-XI	
Currency :	INR	
Amount of Loan :	50,000,000,000	
Total Drawn amount :	8,000,000,000	
Date of Drawal:	22.11.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	22.11.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	400,000,000
	TAPOVAN VISHNUGARH	110,000,000
	BONGAIGAON	110,000,000
	SOLAPUR	200,000,000
	LARA-I	500,000,000
	GADARWARA	550,000,000
	NORTH KARANPURA	360,000,000
	DARLIPALLI	400,000,000
	TANDA-II	100,000,000
	KHARGONE	750,000,000
	TELANGANA	750,000,000
	TALAIPALI COAL MINE	70,000,000
	RAMAGUNDAM I & II R&M	360,000,000
	VINDHYACHAL R&M	140,000,000
	FARAKKA R&M	100,000,000
	KAHALGAON R&M	100,000,000
	KHARGONE	2,000,000,000
	TELANGANA	1,000,000,000
Total Allocated Amount		8,000,000,000.00

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**Statement Giving Details of Project Financed through a Combination of loan
Form 8**

BP NO 5050000661

TRANCHE NO

T00001

D00005

Unsecured Loan From SBI-XI		
Source of Loan :	SBI-XI	
Currency :	INR	
Amount of Loan :	50,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of Drawal:	11.12.2018	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	11.12.2018	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	60,000,000
	TAPOVAN VISHNUGARH	70,000,000
	SOLAPUR	120,000,000
	LARA-I	400,000,000
	GADARWARA	750,000,000
	NORTH KARANPURA	100,000,000
	DARLIPALLI	600,000,000
	TANDA-II	300,000,000
	KHARGONE	1,000,000,000
	TELANGANA	1,200,000,000
	SINGRAULI R&M	200,000,000
	RAMAGUNDAM R&M	200,000,000
Total Allocated Amount		5,000,000,000.00

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**Statement Giving Details of Project Financed through a Combination of loan
Form 8**

BP NO 5050000661

TRANCHE NO
T00001

D00008

Unsecured Loan From SBI-XI		
Source of Loan :	SBI-XI	
Currency :	INR	
Amount of Loan :	50,000,000,000	
Total Drawn amount :	2,000,000,000	
Date of Drawal:	01.01.2019	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.30%	
Margin, If Floating Interest :	0.00%	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	3 Years	
Moratorium effective from :	01.01.2019	
Repayment Period (Inc Moratorium) :	12 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	01.10.2022	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	LARA	500,000,000
	DARLIPALLI	600,000,000
	NORTH KARANPURA	900,000,000
Total Allocated Amount		2,000,000,000.00

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000741

T00001

D00001

Unsecured Loan From SBI-XII		
Source of Loan :	SBI-XII	
Currency :	INR	
Amount of Loan :	50,000,000,000	
Total Drawn amount :	7,500,000,000	
Date of Drawal:	11.02.2019	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.35%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	11.02.2019	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2026	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	1,300,000,000.00
	TAPOVAN VISHNUGARH	150,000,000.00
	BONGAIGAON	650,000,000.00
	SOLAPUR	400,000,000.00
	GADARWARA	900,000,000.00
	DARLIPALLI	600,000,000.00
	TANDA-II	500,000,000.00
	KHARGONE	900,000,000.00
	TELANGANA	700,000,000.00
	CHATTI BARIATU	150,000,000.00
	DULANGA	200,000,000.00
	TALAI PALI	800,000,000.00
	NCPS-FGD	250,000,000.00
	Total Allocated Amount	7,500,000,000.00

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000741

T00001

D00003

Unsecured Loan From SBI-XII		
Source of Loan :	SBI-XII	
Currency :	INR	
Amount of Loan :	50,000,000,000	
Total Drawn amount :	5,000,000,000	
Date of Drawal:	26.03.2019	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.35%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	26.03.2019	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2026	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	400,000,000.00
	UNCHAHAH STPP IV	1,200,000,000.00
	LARA	300,000,000.00
	NORTH KARANPURA	300,000,000.00
	GADARWARA	600,000,000.00
	DARLIPALLI	410,000,000.00
	TANDA-II	300,000,000.00
	KHARGONE	600,000,000.00
	TELANGANA	600,000,000.00
	CHATTI BARIATU	50,000,000.00
	DULANGA	100,000,000.00
	TALAIPALI	100,000,000.00
	NCPS-FGD	40,000,000.00
	Total Allocated Amount	5,000,000,000.00

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000741

T00001

D00004

Unsecured Loan From SBI-XII		
Source of Loan :	SBI-XII	
Currency :	INR	
Amount of Loan :	50,000,000,000	
Total Drawn amount :	10,000,000,000	
Date of Drawal:	12.04.2019	
Interest Type :	Floating	
Fixed Interest Rate :	-----	
Base Rate, If Floating Interest	8.35%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	Monthly	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	6 Years	
Moratorium effective from :	12.04.2019	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	9 Yearly Installments	
Repayment Type :	AVG	
First Repayment Date :	31.03.2026	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	BARH-I	750,000,000.00
	TAPOVAN VISHNUGARH	350,000,000.00
	LARA	3,500,000,000.00
	NORTH KARANPURA	1,400,000,000.00
	DARLIPALLI	1,600,000,000.00
	TANDA-II	1,600,000,000.00
	RAMMAM	300,000,000.00
	TELANGANA	500,000,000.00
	Total Allocated Amount	10,000,000,000.00

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Statement Giving Details of Project Financed through a Combination of loan

Form 8

TRANCHE NO

BP NO 5050000381

T00001

D00004

Unsecured Loan From Vijaya Bank		
Source of Loan :	Vijaya Bank-VI	
Currency :	INR	
Amount of Loan :	2,850,000,000	
Total Drawn amount :	850,000,000	
Date of Drawl	13.11.2017	
Interest Type :	Floating	
Fixed Interest Rate :		
Base Rate, If Floating Interest	D00004- 7.9%	
Margin, If Floating Interest :	NIL	
Are there any Caps/ Floor :	Y/N	
Frequency of Intt. Payment	MONTHLY	
If Above is yes, specify Caps/ Floor :		
Moratorium Period :	5 Years	
Moratorium effective from :	13.11.2017	
Repayment Period (Inc Moratorium) :	15 Years	
Repayment Frequency :	10 Yearly	
Repayment Type :	Average	
First Repayment Date :	14.03.2020	
Base Exchange Rate :	RUPEE	
Date of Base Exchange Rate :	N.A.	
Project Code	Project Name	Amount
	GADARWARA	200,000,000
	UNCHAHAR STPP IV	200,000,000
	DARLIPALLI	200,000,000
	VINDHYACHAL-V	100,000,000
	TALAI PALI COAL MINE	150,000,000.00
Total Allocated Amount		850,000,000.00

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FORM-8
Details of Allocation of Corporate Bonds to various projects
Name of the Company NTPC LIMITED
Name of the Power Station DARLIPALLI STPS Stage-I
Date 31-Dec-19

(Amount in Rs. Lakh)

Particulars	51-C	52	54	58	61	62	63	64	65	66	69
Source of Loan - Bonds Series	51-C	52	54	58	61	62	63	64	65	66	69
Currency	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR
Amount of Loan sanctioned (In Lakh)	32,000.00	75,000.00	1,030,683.05	30,000.00	107,250.00	80,000.00	67,000.00	70,000.00	70,000.00	392,500.00	430,000.00
Amount of Gross Loan drawn upto COD (In Lakh)	32,000.00	75,000.00	1,030,683.05	30,000.00	107,250.00	80,000.00	67,000.00	70,000.00	70,000.00	392,500.00	430,000.00
Interest Type	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	8.61%	9.34%	8.49%	8.18%	8.10%	7.58%	7.47%	7.49%	6.72%	7.37%	7.32%
Base Rate, if Floating Interest	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Margin, if Floating Interest	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Are there any Caps/Floor	No	No	No	No	No	No	No	No	No	No	No
If above is yes, specify caps/floor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moratorium Period (In Years)	20	10	8	5	5	10	10	15	5	15	10
Moratorium effective from*	04-03-14	24-03-14	25-03-15	31-12-15	27-05-16	23-08-16	16-09-16	07-11-16	24-11-16	14-12-16	17-07-19
Repayment Period	Bullet Repayment	Bullet Repayment	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025	Bullet Repayment	Installments Due on 27/05/2021, 27/05/2026 & 27/05/2031	Bullet Repayment					
Repayment effective from	04-03-34	24-03-24	25-03-23	31-12-20	27-05-21	23-08-26	16-09-26	07-11-31	24-11-21	14-12-31	17-07-29
Repayment Frequency	Bullet Repayment	Bullet Repayment	Installments Due on 25/03/2023, 25/03/2024 & 25/03/2025	Bullet Repayment	Installments Due on 27/05/2021, 27/05/2026 & 27/05/2031	Bullet Repayment					
Repayment Instalment (In Lakh)	32,000.00	75,000.00	Installments 1st - 206,136.61 2nd - 412,273.22 3rd - 412,273.22	30,000.00	Installments 1st - 35,750.00 2nd - 35,750.00 3rd - 35,750.00	80,000.00	67,000.00	70,000.00	70,000.00	392,500.00	430,000.00
Base Exchange Rate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Door to Door Maturity (In Years)	20	10	10	5	15	10	10	15	5	15	10

Name of the Projects	51-C	52	54	58	61	62	63	64	65	66	69
Anantpur Solar			5,600.00		4,500.00						
Badarpur R & M			2,300.00								
Barh I	2,300.00		74,883.05	4,000.00	8,850.00	6,400.00		9,300.00	18,800.00	46,300.00	84,200.00
Barh II		4,200.00	63,500.00	2,400.00	500.00					2,000.00	1,400.00
Bhadla Solar		400.00			5,000.00						
Bilhaur Solar 140 MW											
Bilhaur Solar 85 MW											
Bongaigaon											1,000.00
Chatti Bariatu CMB		3,400.00	54,000.00	600.00	3,000.00	6,100.00					3,000.00
Dadri Gas R & M			8,100.00					6,800.00	1,100.00	12,700.00	17,100.00
Darlipalli			600.00							300.00	3,000.00
Dulanqa CMB	10,000.00	36,800.00	49,200.00	13,500.00	5,000.00	5,400.00	10,100.00	7,500.00	10,000.00	36,400.00	40,000.00
Farakka III										25,400.00	5,000.00
Farakka R & M			10,900.00								
Gadarwara			2,000.00								
Gandhar R & M	10,000.00		81,000.00		7,500.00	3,200.00					1,000.00
Kahalgaon II Phase I			4,300.00	2,000.00			8,600.00	2,500.00	5,300.00	28,100.00	47,600.00
Kahalgaon II Phase II											
Kahalgaon R & M			1,800.00								
Kawas R & M			2,000.00							600.00	
Khargone			1,400.00								
Koldam			45,000.00								
Korba III		4,100.00	25,100.00		2,000.00	3,000.00	3,100.00	3,200.00	4,200.00	24,700.00	13,500.00
Korba R & M			9,200.00							900.00	
Kudgi			4,400.00							900.00	
Kudgi-FGD		20,000.00	123,300.00		10,000.00	13,500.00	14,400.00	5,000.00	8,700.00	30,300.00	21,500.00
Lara I											2,500.00
Lata Tapovan			53,300.00		11,000.00	5,300.00	8,400.00	8,600.00	5,100.00	39,500.00	10,800.00
			1,600.00								

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FORM-8

Details of Allocation of Corporate Bonds to various projects

Name of the Company
Name of the Power Station
DateNTPC LIMITED
DARLIPALLI STPS Stage-I
31-Dec-19

(Amount in Rs. Lakh)

Particulars												
Mauda I												
Mauda II	9,700.00		21,900.00	2,700.00								
Mandsaur Solar			45,800.00								3,200.00	6,000.00
NCTPP II					4,000.00	4,500.00	4,400.00	3,300.00	1,400.00	11,000.00		29,000.00
NCTPP R & M			11,000.00									
NCPS-FGD			3,700.00	1,000.00								
North Karanpura												
Pakri Barwadih CMB		3,800.00	12,400.00		5,000.00	5,700.00	11,300.00	1,800.00	6,000.00	32,300.00		6,500.00
Ramagundam I & II R & M			26,600.00	1,000.00	2,000.00							15,000.00
Ramagundam Floating Solar-100 MW			2,400.00	1,000.00	500.00			4,300.00		6,000.00		
Rammam												
Rihand III			3,100.00			900.00						1,000.00
Rihand R & M			28,300.00							2,000.00		2,500.00
Simhadari II			2,500.00							3,200.00		
Simhadari R & M			26,800.00									
Vindhyachal Hydro (Singrauli Hydro)			900.00									
Singrauli R & M			1,900.00							2,000.00		
Vindhyachal Solar (Singrauli Solar)			1,600.00									
Sipat I			4,800.00									1,000.00
Solapur			20,500.00									
Talaipali Soal			70,300.00	1,000.00	7,000.00	9,000.00					1,700.00	
Talchar II								5,100.00	4,000.00	25,300.00		21,500.00
Talcher R & M			12,000.00		1,200.00							11,500.00
Talcher Thermal R & M			1,600.00								500.00	
Tanda II			1,000.00									
Tanda R & M			9,000.00									
Tapovan Vishnugad					4,500.00	4,400.00	3,400.00	2,900.00				
Teledana		2,300.00	26,400.00	800.00	400.00					3,400.00	21,600.00	17,000.00
Unchahar IV					2,800.00	2,300.00		5,500.00			8,400.00	16,600.00
Unchahar R & M			17,400.00		11,700.00						5,800.00	37,000.00
Vindhyachal IV			3,400.00		5,000.00	2,800.00	3,300.00	3,500.00	2,000.00		14,700.00	14,000.00
Vindhyachal R & M			17,200.00									
Vindhyachal V			1,200.00								3,100.00	
TOTAL	32,000.00	75,000.00	1,030,683.05	30,000.00	800.00	7,500.00	67,000.00	70,000.00	70,000.00	392,500.00		430,000.00

*Moratorium period has been taken as the period from Deemed Date of Allotment till the date of first Redemption.

- Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.
- Currency refers to currency of loan such as US\$, DM, Yen, Indian Rupee etc.
- Details are to be submitted as on 31.03.2004 for existing assets and as on COD for the remaining assets.
- Where the loan has been refinanced, details in the Form is to be given for the loan refinanced. However, the details of the original loan is to be given separately in the same form.
- If the Tariff in the petition is claimed separately for various units, details in the Form is to be given separately for all the units in the same form.
- Interest type means whether the interest is fixed or floating.
- Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Applicable base rate on different dates from the date of drawl may also be enclosed.
- Margin means the points over and above the floating rate.
- At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.
- Moratorium period refers to the period during which loan servicing liability is not required.
- Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.
- Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quarterly, half yearly, annual, etc.
- Where there is more than one drawl/repayment for a loan, the date & amount of each drawl/repayment and its allocation may also be given separately
- If the repayment instalment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to be furnished separately.
- In case of Foreign loan, date of each drawl & repayment alongwith exchange rate at that date may be given.
- Base exchange rate means the exchange rate prevailing as on 31.03.2004 for existing assets and as on COD for the remaining assets.

Particulars	1	2	3	4	5	6	7	8	9	10	11	12
	Mizuho II A	Mizuho II B	4.375% Fixed Rate Notes due 2024	4.25% Fixed Rate Notes due 2026	2.75% Fixed Rate Notes due 2027	7.25% Fixed Rate Notes due 2022	JPY Equ. 350Million A	JPY Equ. 350Million B	4.5% Fixed Rate Notes due 2028	JPY Equ. 300Million A	JPY Equ. 300Million B	3.75% Euro Bonds 2024 II
Source of Loan Drawal												
Currency	USD	USD	USD	USD	EUR	INR	JPY	JPY	USD	JPY	JPY	USD
Amount of loan sanctioned	50000000	200000000	500000000	500000000	500000000	20000000000	22525059128	16889989866	400000000	16284876778	16569093118	450000000
Amount of Gross Loan drawn upto 31.12.2019 / COD	50000000	200000000	500000000	500000000	500000000	20000000000	22525059128	16889989866	400000000	16284876778	16569093118	450000000
Interest Type	Floating	Floating	Fixed	Fixed	Fixed	Fixed	Floating	Floating	Fixed	Floating	Floating	Fixed
Fixed Interest Rate, if applicable	-	-	4.375%*	4.25%*	2.75%*	7.25%*	-	-	4.5%*	-	-	3.750%
Base Rate, if floating interest*	6 Month USD Libor *	6 Month USD Libor *	-	-	-	-	6 Month JPY Libor *	6 Month JPY Libor *	-	6 Month JPY Libor *	6 Month JPY Libor *	-
Margin, if floating interest rate	1.25%	1.25%	-	-	-	-	0.0095	0.95%	-	1.02%	1.02%	-
Are there any Caps / Floor	No	No	No	No	No	No	No	No	No	No	No	No
If above is Yes, specify Caps / Floor	-	-	-	-	-	-	-	-	-	-	-	-
Moratorium Period	5yrs 6 mths	5yrs 6 mths	10 Years	10 Years	10 Years	5 Years	9 Years	9 Years	10 Years	9 Years	9 Years	5 Years
Moratorium effective from	24-Oct-2014	24-Oct-2014	26-Nov-2014	26-Feb-2016	01-Feb-2017	03-May-2017	12-Nov-2017	12-Nov-2017	19-Mar-2018	29-Jan-2019	29-Jan-2019	03-Apr-2019
Repayment period	1 year 6 mths	1 year 6 mths	Bullet payment	Bullet payment	Bullet payment	Bullet payment	1 year	1 year	Bullet payment	1 year	1 year	Bullet payment
Repayment effective from	26-Mar-2020	26-Mar-2020	26-Nov-2024	26-Feb-2026	01-Feb-2027	03-May-2022	12-Nov-2026	12-Nov-2026	19-Mar-2028	29-Jan-2028	29-Jan-2028	03-Apr-2024
Repayment frequency	Four time	Four time	One time	One time	One time	One time	Three Time	Three Time	One time	Three Time	Three Time	One time
Repayment installment	12500000	50000000	500000000	500000000	500000000	20000000000	7508353043	5629996622	400000000	5428292259	5523031039	450000000
Base Exchange Rate (31.12.2019)	71.8600	69.7700	71.86	71.86	81.06	N.A	0.6660	0.6660	71.86	0.6660	0.6660	71.8600
Are foreign currency loan hedged	No	No	No	No	No	No	No	No	No	No	No	No
If above is Yes, specify details	-	-	-	-	-	-	-	-	-	-	-	-

Name of the Projects	%	%	%	%	%	%	%	%	%	%	%	%
Koldam			3.46084%									
Sipat-I												
Bonggaon	0.05998%	0.68459%	1.93484%	1.56264%	1.71056%	2.41638%	1.63718%	2.34143%	2.76243%			1.97709%
Tapovan Vishnugad	0.01536%	0.17536%	1.09540%	1.06813%						1.42740%	1.03120%	3.59002%
Rihand-III												
Barh-II												
Vindhyachal-IV												
Simhadri-II												
Mouda-I				0.325762%								
Barh-I			1.45740%	6.48215%								
Kudgi-I	6.96891%	6.23300%	18.66770%	8.17321%	11.09451%	11.46579%	14.32879%	8.60814%	4.53241%	9.69490%	4.02600%	2.24645%
Lara-I	37.2502%	20.1418%	24.6538%	11.0918%	7.52392%	9.32722%	8.38329%	5.36965%	9.9104%	10.1832%	8.5670%	13.1108%
Mouda-II	0.70023%	7.99244%	9.6918%	8.2413%	4.30904%	0.81770%	1.72495%	1.032884%				
Solapur	21.63045%	6.38098%	13.4950%	6.8187%	4.38528%	5.07281%	1.25513%	5.65901%	4.24822%			4.84648%
Vindhyachal-V	0.07626%	0.87040%	5.3508%									
Gadarwara	1.20463%	13.74963%	7.7831%	15.1578%	10.40794%	11.17203%	8.15384%	5.11704%	9.24223%	9.04170%	9.60970%	10.29540%
Kawas R&M												
Gandhar R&M												
Aurava R&M												
Korba R&M												
North Karanpura			0.76851%	8.43463%	18.94333%	9.62663%	15.11195%	6.67306%	13.60747%	12.45540%	12.59040%	7.74413%
Darlipali	0.26859%	3.06568%	2.43340%	18.81397%	12.49117%	13.97452%	17.77245%	8.10898%	9.57426%	5.26890%	9.79450%	6.91588%
Tanda-I	28.25910%		5.13715%	6.96985%	9.72062%	11.30523%	13.38802%	22.21006%	14.16627%	10.58660%	7.2144%	9.87851%
Unchar-I	0.3144%	3.5888%	4.0703%	5.2952%	4.58621%	3.57069%	1.00836%	1.2752%				
Kharagone	3.25192%	37.11729%		0.94028%	10.47844%	13.44610%	12.99857%	22.75813%	18.27394%	21.24510%	17.68450%	15.15786%
Ranmum				0.62453%								
Telengana					4.34898%	4.42079%	4.23747%	10.84641%	13.68236%	19.70890%	29.12010%	23.83911%
Anantpur Solar						0.11749%						
Mandsaur Solar						2.29875%						
Badha Solar						0.02446%						
Rojmal Wind						0.94341%						
Unallocated												
Total	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%

- Notes:-
 a) The Interest rate is exclusive of withholding tax currently @ 5.4075%/5.46%(Inclusive of surcharge & education cess)*
 b) The Interest rate is exclusive of withholding tax currently @ 10.00%(Inclusive of surcharge & education cess)**
 c) Base exchange rate are the SBI Bill selling rate as on 31.12.2019
 d) Distribution of loan package to various projects is based on utilisation of loan as on 31.12.2019

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Year wise Statement of Additional Capitalisation after COD

PART-I
FORM-9

Name of the Petitioner
Name of the Generating Station
COD of Station (anticipated)
For Financial Year

NTPC LTD
Darlipalli Super Thermal Power Project Stage-I
30.09.2020
2019-20

Rs. Lakhs

Sl. No.	Head of Work /Equipment	01.03.2020 (Anticipated date of Unit#1 COD) to 31.03.2020				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		ACE Claimed (Projected)						
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	Land	0.00	0	0.00				
2	Preliminary Investigation, Site levelling & Development, Enabling works	100.00	0	100.00				
3	Steam Generator (SG) Island (Incl. ESP)	5000.00	0	5000.00				
4	Turbine Generator Island	2500.00	0	2500.00				
5	CW system (Incl. WPT & MUW Pipes supply)	200.00	0	200.00				
6	DM water Plant	100.00	0	100.00				
7	Ash Handling System	500.00	0	500.00				
8	Coal Handling Plant	100.00	0	100.00				
9	Air Condition & Ventilation System	30.00	0	30.00				
10	Fire fighting System	50.00	0	50.00				
11	Station/ LP Piping (Incl in 2.3.6)	50.00	0	50.00				
12	Switch Yard Package (Incl ICT)	200.00	0	200.00				
13	Transformer Package	200.00	0	200.00				
14	Switch gear Package (Inc. HT & LT)	80.00	0	80.00				
15	Cables, Cable facilities & grounding	50.00	0	50.00				
16	Generator Bus Duct	25.00	0	25.00				
17	Outdoor Transformers Package (EHV/HV)	60.00	0	60.00				
18	Control & Instrumentation (C & I) Package	10.00	0	10.00				
19	Main plant civil/Adm Building (SG+TG+CW civil)	400.00	0	400.00				
20	Cooling Towers (Including Mech works)	10.00	0	10.00				
21	MGR & Marshalling Yard (Railway siding and Locomotive, workshop)	200.00	0	200.00				
22	Ash disposal area development (Ash Dyke)	100.00	0	100.00				
23	Township & Colony	500.00	0	500.00				
25	Tools & Plant (Workshop+ Lab Eqpts)	20.00	0	20.00				
27	Establishment	1600.00	0	1600.00				
9	Total Additional Capitalisation Claimed	12085.00	0.00	12085.00				

24 (1) (b)

Original Scope of Work capitalized within cut off date

Petitioner

Signature

Name of the Petitioner
NTPC Limited
Name of the Generating Station
Darlipalli Super Thermal Power Project Stage-I
COD of Station (anticipated)
30.09.2020
For Financial Year
2020-21

Rs. Lakhs

Sl. No.	Head of Work /Equipment	01.04.2020 to 29.09.2020 (Anticipated date of Unit#2 COD)				30.09.2020 to 31.03.2021				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		ACE Claimed (Projected)				ACE Claimed (Projected)						
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3	Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	3	4	5= (3-4)	6	7	8	9
1	Land	0.00		0.00		3000.00		3000.00		24 (1) (b)	Original Scope of Work capitalized within cut off date	
2	Preliminary Investigation, Site levelling & Development, Enabling works	500.00		500.00		500.00		500.00				
3	Steam Generator (SG) Island (Incl. ESP)	3000.00		3000.00		5000.00		5000.00				
4	Turbine Generator Island	500.00		500.00		2500.00		2500.00				
5	CW system (Incl. WPT & MUW Pipes supply)	200.00		200.00		400.00		400.00				
6	DM water Plant	100.00		100.00		200.00		200.00				
7	Ash Handling System	200.00		200.00		200.00		200.00				
8	Coal Handling Plant	1000.00		1000.00		1500.00		1500.00				
9	Air Condition & Ventilation System	30.00		30.00		30.00		30.00				
10	Fire fighting System	50.00		50.00		100.00		100.00				
11	Station/ LP Piping (Incl in 2,3,6)	20.00		20.00		30.00		30.00				
12	Switch Yard Package (Incl ICT)	200.00		200.00		500.00		500.00				
13	Transformer Package	100.00		100.00		300.00		300.00				
14	Switch gear Package (Incl HT & LT)	20.00		20.00		200.00		200.00				
15	Cables, Cable facilities & grounding	100.00		100.00		250.00		250.00				
16	Generator Bus Duct	10.00		10.00		25.00		25.00				
17	Outdoor Transformers Package EHV/HV	50.00		50.00		80.00		80.00				
18	Control & Instrumentation (C & I) Package	50.00		50.00		60.00		60.00				
19	Main plant civil/Adm. Building (SG+TG+CW civil)	1500.00		1500.00		2500.00		2500.00				
20	Cooling Towers (Including Mech works)	15.00		15.00		250.00		250.00				
21	workshop)	1000.00		1000.00		3000.00		3000.00				
22	Ash disposal area development (Ash Dyke)	100.00		100.00		100.00		100.00				
23	Township & Colony	800.00		800.00		800.00		800.00				
25	Tools & Plant (Workshop+ Lab Eqpts)	200.00		200.00		400.00	0.00	400.00				
27	Establishment	3100.00		3100.00		200.00	0.00	200.00				
9	Total Additional Capitalisation Claimed	12845.00	0.00	12845.00		22125.00	0.00	22125.00				

Petitioner



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SR

Name of the Petitioner **NTPC Limited**
 Name of the Generating Station **Darlipalli Super Thermal Power Project Stage-I**
 COD of Station (anticipated) **30.09.2020**
 For Financial Year **2021-22**

Rs. Lakhs

Sl. No.	Head of Work /Equipment	01.04.2021 to 31.03.2022				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any	
		Accrual basis	ACE Claimed (Projected)		IDC included in col. 3				
			Un-discharged Liability included in col. 3	Cash basis					
1	2	3	4	5= (3-4)	6	7	8	9	
1	Land	400.00		400.00		24 (1) (b)	Original Scope of Work capitalized within cut off date		
2	Preliminary Investigation, Site levelling & Development, Enabling works	400.00		400.00					
3	Steam Generator (SG) Island (Incl. ESP)	5000.00		5000.00					
4	Turbine Generator Island	2500.00		2500.00					
5	CW system (Incl. WPT & MUW Pipes supply)	200.00		200.00					
6	DM water Plant	150.00		150.00					
7	Ash Handling System	200.00		200.00					
8	Coal Handling Plant	800.00		800.00					
9	Air Condition & Ventilation System	100.00		100.00					
10	Fire fighting System	100.00		100.00					
11	Station/ LP Piping (Incl in 2.3.6)	50.00		50.00					
12	Switch Yard Package (Incl ICT)	600.00		600.00					
13	Transformer Package	500.00		500.00					
14	Switch gear Package (Inc. HT & LT)	200.00		200.00					
15	Cables, Cable facilities & grounding	300.00		300.00					
16	Generator Bus Duct	0.00		0.00					
17	Outdoor Transformers Package (EHV/HV)	100.00		100.00					
18	Control & Instrumentation (C & I) Package	300.00		300.00					
19	Main plant civil/Adm Building (SG+TG+CW civil)	1000.00		1000.00					
20	Cooling Towers (Including Mech works)	400.00		400.00					
21	MGR & Marshalling Yard (Railway siding and Locomotive, workshop)	5000.00		5000.00					
22	Ash disposal area development (Ash Dyke)	100.00		100.00					
23	Township & Colony	100.00		100.00					
25	Tools & Plant (Workshop+ Lab Eqpts)	200.00		200.00					
28	MBOA	500.00		500.00					
30	FGD Works	35091.00		35091.00					
If any, details shall be provided at the time of true up									
9	Total Additional Capitalisation Claimed	54291.00	0.00	54291.00					

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Petitioner

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Name of the Petitioner
Name of the Generating Station
COD of Station (anticipated)
For Financial Year

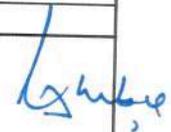
NTPC Limited
Darlipalli Super Thermal Power Project Stage-I
30.09.2020
2022-23

Rs. Lakhs

Sl. No.	Head of Work /Equipment	01.04.2022 to 31.03.2023				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis	ACE Claimed (Projected)		IDC included in col. 3			
			Un-discharged Liability included in col. 3	Cash basis				
1	2	3	4	5= (3-4)	6	7	8	9
1	Steam Generator (SG) Island (Incl. ESP)	5000.00		5000.00		24(1)b	Original Scope of Work	
2	Turbine Generator Island	2500.00		2500.00				
3	CW system (Incl. WPT & MUW Pipes supply)	2300.00		2300.00				
4	DM water Plant	116.00		116.00				
5	Ash Handling System	300.00		300.00				
6	Coal Handling Plant	500.00		500.00				
7	Switch Yard Package (Incl ICT)	352.00		352.00				
8	Transformer Package	360.00		360.00				
9	Switch gear Package (Inc. HT & LT)	38.00		38.00				
10	Cables, Cable facilities & grounding	290.00		290.00				
11	Control & Instrumentation (C & I) Package	100.00		100.00				
12	Main plant civil/Adm. Building (SG+TG+CW civil)	500.00		500.00				
13	Cooling Towers (Including Mech works)	500.00		500.00				
14	MGR & Marshalling Yard (Railway siding and Locomotive, workshop)	6000.00		6000.00				
15	Ash disposal area development (Ash Dyke)	100.00		100.00				
16	Township & Colony	100.00		100.00				
17	Tools & Plant (Workshop+ Lab Eqpts)	300.00		300.00				
18	MBOA	300.00		300.00				
20	FGD Works	15039.00		15039.00				
						24 (1)e		
9	Total Additional Capitalisation Claimed	34695.00	0.00	34695.00				

If any, details shall be provided at the time of true up.

Petitioner



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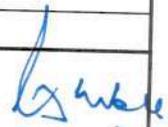
**PART-I
FORM- 9**

Name of the Petitioner NTPC Limited
Name of the Generating Station Darlipalli Super Thermal Power Project Stage-I
COD of Station (anticipated) 30.09.2020
For Financial Year 2023-24

Rs. Lakhs

Sl. No.	Head of Work /Equipment	01.04.2023 to 31.03.2024				Regulations under which claimed	Justificati on	Admitted Cost by the Commission, if any
		ACE Claimed (Projected)						
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
1	MGR & Marshalling Yard (Railway siding and Locomotive, workshop)	6000.00		6000.00		24 (1) (b)	Original Scope of Work	
2	MBOA	300.00		300.00				
4	FGD Works	5570.00		5570.00		24 (1)e		
		If any, details shall be provided at the time of true up						
9	Total Additional Capitalisation Claimed	11870.00	0.00	11870.00				

Petitioner



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Financing of Additional Capitalisation

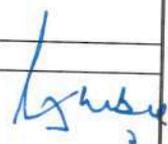
Name of the Petitioner: **NTPC Limited**
 Name of the Generating Station: **Darlipalli STPS (2x800 MW)**

PART I
FORM- 10

Financial Year (Starting from COD) ₁	Actual					(Amount in Rs Lakh) Admitted				
	2019-20	2020-21	2021-22	2022-23	2023-24	2019-20	2020-21	2021-22	2022-23	2023-24
1		3	4	5	6	7	8	9	10	11
Amount capitalised in Work/ Equipment										
Financing Details	Add cap is proposed to be finance in Debt:Equity ratio of 70:30									
Loan-1										
Loan-2										
Loan-3 and so on										
Total Loan ₂										
Equity										
Internal Resources										
Others (Pl. specify)										
Total										

Note:

- Year 1 refers to Financial Year of COD and Year 2, Year 3 etc. are the subsequent financial years respectively.
- Loan details for meeting the additional capitalisation requirement should be given as per FORM-7 or 8 whichever is relevant.


(Petitioner)

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Calculation of Depreciation

Name of the Petitioner: NTPC Limited

Name of the Generating Station: Darlipalli STPS (2x800 MW)

Sl.No.	Name of the Assets	Gross Block as on COD of station i.e. 01.03.2020	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount for each year up to 30.09.2020	Gross Block as on COD of station i.e. 30.09.2020	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount for each year from 01.10.2020 up to
1	2	3	4	5=Col.2 X Col.3	6	7	8=Col.6 X Col.7
1	Freehold Land	45982.20	0.00%	0	82614.7	0.00%	0
2	Leasehold Land	17408.54	3.34%	581.45	31277.3	3.34%	1044.66
3	Roads, bridges, culverts & heli	Incl in 4 below	3.34%		Incl in 4 below	3.34%	
4	Other Buildings	76448.34	3.34%	2553.37	109570.08	3.34%	3659.64
5	Temporary erection	5853.40	100.00%	5853.4	6453	100.00%	6453
6	Water supply, drainage & sewer	4000	5.28%	211.2	5000	5.28%	264
7	Plant and machinery	610510.15	5.28%	32234.94	975822.27	5.28%	51523.42
8	Furniture and fixtures	1209.66	6.33%	76.57	1500	6.33%	94.95
9	Other Office Equipments	637.58	6.33%	40.36	800	6.33%	50.64
10	EDP, WP machines & SATCO	398.28	15.00%	59.74	450	15.00%	67.5
11	Vehicles including speedboats	23.19	9.50%	2.2	30	9.50%	2.85
12	Construction equipment	1064.21	5.28%	56.19	1636	5.28%	86.38
13	Electrical installations	Incl in Sl. 7	5.28%		Incl in Sl. 7	5.28%	
14	Communication equipment	77.45	6.33%	4.9	80	6.33%	5.06
15	Hospital equipment	16.43	5.28%	0.87	25	5.28%	1.32
16	Laboratory and workshop equip	Incl in Sl. 12	5.28%		Incl in Sl. 12	5.28%	
17	Software	59.32	15.00%	8.9	70	15.00%	10.5
	TOTAL	763688.8		41684.09	1215328.4		63263.92
	Weighted Average Rate of Depreciation (%)			5.46			5.21

Petitioner

[Signature]

Statement of Depreciation

Name of the Petitioner: **NTPC Limited**
 Name of the Generating Station: **Darlipalli STPS Stage-I (2x800 MW)**

**Part-I
Form-12**

(Amount in Rs Lakh)

S. No.	Particulars	Existing 2018-19	2019-20 (01.03.2020 to 31.03.2020)	2020-21 (01.04.2020 to 29.09.2020)	2020-21 (30.09.2020 to 31.03.2021)	2021-22	2022-23	2023-24
1	2	3	4	6	7	8	9	10
1	Opening Capital Cost		726,701.78	738,786.78	1,143,641.65	1,165,766.65	1,220,057.65	1,254,752.65
2	Closing Capital Cost		738,786.78	751,631.78	1,165,766.65	1,220,057.65	1,254,752.65	1,266,622.65
3	Average Capital Cost		732,744.28	745,209.28	1,154,704.15	1,192,912.15	1,237,405.15	1,260,687.65
4	Freehold land		45,321.38	45,321.38	79,617.31	81,317.31	81,317.31	81,317.31
4(a)	IT equipments and software		457.60	457.60	520.00	520.00	520.00	520.00
5	Rate of depreciation		5.46	5.46	5.21	5.21	5.21	5.21
6	Depreciable value		618,726.37	629,944.87	967,630.16	1,000,487.36	1,040,531.06	1061485.309
7.	Balance useful life at the beginning of the period		25.00	25.00	24.67	23.67	22.67	21.67
8	Remaining depreciable value		618,726.37	626,556.22	947,341.68	970,324.90	978,380.34	997016.5004
9	Depreciation (for the period)		3,388.64	20,288.48	30,162.45	62,150.72	64,468.81	65,681.83
10	Depreciation (annualised)		40,007.84	40,688.43	60,160.09	62,150.72	64,468.81	65,681.83
11.	Cumulative depreciation at the end of the period		3,388.64	23,677.12	53,839.57	115,990.30	180,459.10	246,140.93
12.	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009		-					
13.	Less: Cumulative depreciation adjustment on account of de-capitalisation		-					
14.	Net Cumulative depreciation at the end of the period		3,388.64	23,677.12	53,839.57	115,990.30	180,459.10	246,140.93

* Rate of depreciation for all years have been provisionally considered as on Unit#I

(Petitioner)

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Calculation of Interest on Actual Loans

Name of the Company
Name of the Power Station

**NTPC LTD.
Darlipalli STPS Stage-I**

Form-13

(Amount in lacs)

Sl. no.	Particulars	2019-20 (01.03.2020 to 31.03.2020)	2020-21 (01.04.2020 to 29.09.2020)	2020-21 (30.09.2020 to 31.03.2021)	2021-22	2022-23	2023-24
	2						
1	Mizuho II A						
	Gross loan - Opening	96.50	96.50	96.50	96.50	96.50	96.50
	Cumulative repayments of Loans upto previous period		24.13	48.25	72.38	96.50	96.50
	Net loan - Opening	96.50	72.38	48.25	24.13	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	96.50	72.38	48.25	24.13	0.00	0.00
	Repayments of Loans during the period	24.13	24.13	24.13	24.13	0.00	0.00
	Net loan - Closing	72.38	48.25	24.13	0.00	0.00	0.00
	Average Net Loan	84.44	60.32	36.19	12.06	0.00	0.00
	Rate of Interest on Loan	3.7135%	3.7135%	3.7135%	3.7135%	3.7135%	3.7135%
	Interest on Loan Annualised	3.14	2.24	1.34	0.45	0.00	0.00
2	Mizuho II B						
	Gross loan - Opening	4406.00	4406.00	4406.00	4406.00	4406.00	4406.00
	Cumulative repayments of Loans upto previous period		1101.50	2203.00	3304.50	4406.00	4406.00
	Net loan - Opening	4406.00	3304.50	2203.00	1101.50	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	4406.00	3304.50	2203.00	1101.50	0.00	0.00
	Repayments of Loans during the period	1101.50	1101.50	1101.50	1101.50	0.00	0.00
	Net loan - Closing	3304.50	2203.00	1101.50	0.00	0.00	0.00
	Average Net Loan	3855.25	2753.75	1652.25	550.75	0.00	0.00
	Rate of Interest on Loan	3.7135%	3.7135%	3.7135%	3.7135%	3.7135%	3.7135%
	Interest on Loan Annualised	143.16	102.26	61.36	20.45	0.00	0.00
3	4.375% Euro Bonds						
	Gross loan - Opening	8743.19	8743.19	8743.19	8743.19	8743.19	8743.19
	Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	8743.19	8743.19	8743.19	8743.19	8743.19	8743.19
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	8743.19	8743.19	8743.19	8743.19	8743.19	8743.19
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	8743.19	8743.19	8743.19	8743.19	8743.19	8743.19
	Average Net Loan	8743.19	8743.19	8743.19	8743.19	8743.19	8743.19
	Rate of Interest on Loan	4.6277%	4.6277%	4.6277%	4.6277%	4.6277%	4.6277%
	Interest on Loan Annualised	404.61	404.61	404.61	404.61	404.61	404.61
4	4.25% Euro Bonds						
	Gross loan - Opening	67598.59	67598.59	67598.59	67598.59	67598.59	67598.59
	Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	67598.59	67598.59	67598.59	67598.59	67598.59	67598.59
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	67598.59	67598.59	67598.59	67598.59	67598.59	67598.59
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	67598.59	67598.59	67598.59	67598.59	67598.59	67598.59
	Average Net Loan	67598.59	67598.59	67598.59	67598.59	67598.59	67598.59
	Rate of Interest on Loan	4.4955%	4.4955%	4.4955%	4.4955%	4.4955%	4.4955%
	Interest on Loan Annualised	3038.89	3038.89	3038.89	3038.89	3038.89	3038.89
5	2.75% Euro Bonds 2027						
	Gross loan - Opening	50626.71	50626.71	50626.71	50626.71	50626.71	50626.71
	Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	50626.71	50626.71	50626.71	50626.71	50626.71	50626.71
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	50626.71	50626.71	50626.71	50626.71	50626.71	50626.71
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	50626.71	50626.71	50626.71	50626.71	50626.71	50626.71
	Average Net Loan	50626.71	50626.71	50626.71	50626.71	50626.71	50626.71
	Rate of Interest on Loan	2.9088%	2.9088%	2.9088%	2.9088%	2.9088%	2.9088%
	Interest on Loan Annualised	1472.63	1472.63	1472.63	1472.63	1472.63	1472.63
6	JPY Equ. 350Million A						
	Gross loan - Opening	26661.67	26661.67	26661.67	26661.67	26661.67	26661.67
	Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	26661.67	26661.67	26661.67	26661.67	26661.67	26661.67
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	26661.67	26661.67	26661.67	26661.67	26661.67	26661.67
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	26661.67	26661.67	26661.67	26661.67	26661.67	26661.67
	Average Net Loan	26661.67	26661.67	26661.67	26661.67	26661.67	26661.67
	Rate of Interest on Loan	1.0188%	1.0188%	1.0188%	1.0188%	1.0188%	1.0188%
	Interest on Loan Annualised	271.64	271.64	271.64	271.64	271.64	271.64

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Calculation of Interest on Actual Loans

Name of the Company	NTPC LTD.						Form-13
Name of the Power Station	Darlipalli STPS Stage-I						
7 JPY Equ. 350Million B							
Gross loan - Opening	9121.57	9121.57	9121.57	9121.57	9121.57	9121.57	
Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	0.00	0.00	
Net loan - Opening	9121.57	9121.57	9121.57	9121.57	9121.57	9121.57	
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Total	9121.57	9121.57	9121.57	9121.57	9121.57	9121.57	
Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Net loan - Closing	9121.57	9121.57	9121.57	9121.57	9121.57	9121.57	
Average Net Loan	9121.57	9121.57	9121.57	9121.57	9121.57	9121.57	
Rate of Interest on Loan	1.0188%	1.0188%	1.0188%	1.0188%	1.0188%	1.0188%	
Interest on Loan Annualised	92.93	92.93	92.93	92.93	92.93	92.93	
8 4.5% Euro Bonds							
Gross loan - Opening	27520.25	27520.25	27520.25	27520.25	27520.25	27520.25	
Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	0.00	0.00	
Net loan - Opening	27520.25	27520.25	27520.25	27520.25	27520.25	27520.25	
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Total	27520.25	27520.25	27520.25	27520.25	27520.25	27520.25	
Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Net loan - Closing	27520.25	27520.25	27520.25	27520.25	27520.25	27520.25	
Average Net Loan	27520.25	27520.25	27520.25	27520.25	27520.25	27520.25	
Rate of Interest on Loan	4.7599%	4.7599%	4.7599%	4.7599%	4.7599%	4.7599%	
Interest on Loan Annualised	1309.94	1309.94	1309.94	1309.94	1309.94	1309.94	
9 JPY Equ. 300Million A							
Gross loan - Opening	5714.51	5714.51	5714.51	5714.51	5714.51	5714.51	
Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	0.00	0.00	
Net loan - Opening	5714.51	5714.51	5714.51	5714.51	5714.51	5714.51	
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Total	5714.51	5714.51	5714.51	5714.51	5714.51	5714.51	
Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Net loan - Closing	5714.51	5714.51	5714.51	5714.51	5714.51	5714.51	
Average Net Loan	5714.51	5714.51	5714.51	5714.51	5714.51	5714.51	
Rate of Interest on Loan	1.0939%	1.0939%	1.0939%	1.0939%	1.0939%	1.0939%	
Interest on Loan Annualised	62.51	62.51	62.51	62.51	62.51	62.51	
10 JPY Equ. 300Million B							
Gross loan - Opening	10808.25	10808.25	10808.25	10808.25	10808.25	10808.25	
Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	0.00	0.00	
Net loan - Opening	10808.25	10808.25	10808.25	10808.25	10808.25	10808.25	
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Total	10808.25	10808.25	10808.25	10808.25	10808.25	10808.25	
Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Net loan - Closing	10808.25	10808.25	10808.25	10808.25	10808.25	10808.25	
Average Net Loan	10808.25	10808.25	10808.25	10808.25	10808.25	10808.25	
Rate of Interest on Loan	1.0939%	1.0939%	1.0939%	1.0939%	1.0939%	1.0939%	
Interest on Loan Annualised	118.23	118.23	118.23	118.23	118.23	118.23	
11 3.75 % Euro Bonds 2024 II							
Gross loan - Opening	22363.89	22363.89	22363.89	22363.89	22363.89	22363.89	
Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	0.00	0.00	
Net loan - Opening	22363.89	22363.89	22363.89	22363.89	22363.89	22363.89	
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Total	22363.89	22363.89	22363.89	22363.89	22363.89	22363.89	
Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Net loan - Closing	22363.89	22363.89	22363.89	22363.89	22363.89	22363.89	
Average Net Loan	22363.89	22363.89	22363.89	22363.89	22363.89	22363.89	
Rate of Interest on Loan	3.9666%	3.9666%	3.9666%	3.9666%	3.9666%	3.9666%	
Interest on Loan Annualised	887.09	887.09	887.09	887.09	887.09	887.09	
12 7.25% Fixed Rate Note due 2022							
Gross loan - Opening	27949.03	27949.03	27949.03	27949.03	27949.03	27949.03	
Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	0.00	0.00	
Net loan - Opening	27949.03	27949.03	27949.03	27949.03	27949.03	27949.03	
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Total	27949.03	27949.03	27949.03	27949.03	27949.03	27949.03	
Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Net loan - Closing	27949.03	27949.03	27949.03	27949.03	27949.03	27949.03	
Average Net Loan	27949.03	27949.03	27949.03	27949.03	13974.52	0.00	
Rate of Interest on Loan	7.6645%	7.6645%	7.6645%	7.6645%	7.6645%	7.6645%	
Interest on Loan Annualised	2142.15	2142.15	2142.15	2142.15	1071.08	0.00	
13 Bond 51-C							
Gross loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	
Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	0.00	0.00	
Net loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Total	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	
Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Net loan - Closing	10000.00	10000.00	10000.00	10000.00	0.00	0.00	
Average Net Loan	10000.00	10000.00	10000.00	10000.00	5000.00	0.00	
Rate of Interest on Loan	8.6400%	8.6400%	8.6400%	8.6400%	8.6400%	8.6400%	
Interest on Loan Annualised	864.00	864.00	864.00	864.00	432.00	0.00	

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Calculation of Interest on Actual Loans

Name of the Company
Name of the Power Station

NTPC LTD.
Darlipalli STPS Stage-I

Form-13

14	Bond 52						
	Gross loan - Opening	36800.00	36800.00	36800.00	36800.00	36800.00	36800.00
	Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	36800.00	36800.00	36800.00	36800.00	36800.00	36800.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	36800.00	36800.00	36800.00	36800.00	36800.00	36800.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	36800.00	36800.00	36800.00	36800.00	36800.00	0.00
	Average Net Loan	36800.00	36800.00	36800.00	36800.00	36800.00	18400.00
	Rate of Interest on Loan	9.3700%	9.3700%	9.3700%	9.3700%	9.3700%	9.3700%
	Interest on Loan Annualised	3448.16	3448.16	3448.16	3448.16	3448.16	1724.08
15	Bond 54						
	Gross loan - Opening	49200.00	49200.00	49200.00	49200.00	49200.00	49200.00
	Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	0.00	9840.00
	Net loan - Opening	49200.00	49200.00	49200.00	49200.00	49200.00	39360.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	49200.00	49200.00	49200.00	49200.00	49200.00	39360.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	9840.00	19680.00
	Net loan - Closing	49200.00	49200.00	49200.00	49200.00	39360.00	19680.00
	Average Net Loan	49200.00	49200.00	49200.00	49200.00	44280.00	29520.00
	Rate of Interest on Loan	8.5200%	8.5200%	8.5200%	8.5200%	8.5200%	8.5200%
	Interest on Loan Annualised	4191.84	4191.84	4191.84	4191.84	3772.66	2515.10
16	Bond 58						
	Gross loan - Opening	13500.00	13500.00	13500.00	13500.00	13500.00	13500.00
	Cumulative repayments of Loans upto previous period		0.00	0.00	13500.00	13500.00	13500.00
	Net loan - Opening	13500.00	13500.00	13500.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	13500.00	13500.00	13500.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	13500.00	0.00	0.00	0.00
	Net loan - Closing	13500.00	13500.00	0.00	0.00	0.00	0.00
	Average Net Loan	13500.00	13500.00	6750.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.2100%	8.2100%	8.2100%	8.2100%	8.2100%	8.2100%
	Interest on Loan Annualised	1108.35	1108.35	554.18	0.00	0.00	0.00
17	Bond 61						
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	1666.67	1666.67
	Net loan - Opening	5000.00	5000.00	5000.00	5000.00	3333.33	3333.33
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	5000.00	5000.00	5000.00	5000.00	3333.33	3333.33
	Repayments of Loans during the period	0.00	0.00	0.00	1666.67	0.00	0.00
	Net loan - Closing	5000.00	5000.00	5000.00	3333.33	3333.33	3333.33
	Average Net Loan	5000.00	5000.00	5000.00	4166.67	3333.33	3333.33
	Rate of Interest on Loan	8.1300%	8.1300%	8.1300%	8.1300%	8.1300%	8.1300%
	Interest on Loan Annualised	406.50	406.50	406.50	338.75	271.00	271.00
18	Bond 62						
	Gross loan - Opening	5400.00	5400.00	5400.00	5400.00	5400.00	5400.00
	Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	5400.00	5400.00	5400.00	5400.00	5400.00	5400.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	5400.00	5400.00	5400.00	5400.00	5400.00	5400.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	5400.00	5400.00	5400.00	5400.00	5400.00	5400.00
	Average Net Loan	5400.00	5400.00	5400.00	5400.00	5400.00	5400.00
	Rate of Interest on Loan	7.6100%	7.6100%	7.6100%	7.6100%	7.6100%	7.6100%
	Interest on Loan Annualised	410.94	410.94	410.94	410.94	410.94	410.94
19	Bond 63						
	Gross loan - Opening	10100.00	10100.00	10100.00	10100.00	10100.00	10100.00
	Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	10100.00	10100.00	10100.00	10100.00	10100.00	10100.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	10100.00	10100.00	10100.00	10100.00	10100.00	10100.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	10100.00	10100.00	10100.00	10100.00	10100.00	10100.00
	Average Net Loan	10100.00	10100.00	10100.00	10100.00	10100.00	10100.00
	Rate of Interest on Loan	7.5000%	7.5000%	7.5000%	7.5000%	7.5000%	7.5000%
	Interest on Loan Annualised	757.50	757.50	757.50	757.50	757.50	757.50
20	Bond 64						
	Gross loan - Opening	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00
	Cumulative repayments of Loans upto previous period		0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00
	Average Net Loan	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00
	Rate of Interest on Loan	7.5200%	7.5200%	7.5200%	7.5200%	7.5200%	7.5200%
	Interest on Loan Annualised	564.00	564.00	564.00	564.00	564.00	564.00

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Calculation of Interest on Actual Loans							
Name of the Company		NTPC LTD.					Form-13
Name of the Power Station		Darlipalli STPS Stage-I					
21	Bond 65						
	Gross loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00	
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	10000.00	
	Net loan - Opening	10000.00	10000.00	10000.00	10000.00	0.00	
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	
	Total	10000.00	10000.00	10000.00	10000.00	0.00	
	Repayments of Loans during the period	0.00	0.00	0.00	10000.00	0.00	
	Net loan - Closing	10000.00	10000.00	10000.00	0.00	0.00	
	Average Net Loan	10000.00	10000.00	10000.00	5000.00	0.00	
	Rate of Interest on Loan	6.7500%	6.7500%	6.7500%	6.7500%	6.7500%	
	Interest on Loan Annualised	675.00	675.00	675.00	337.50	0.00	
22	Bond 66						
	Gross loan - Opening	36400.00	36400.00	36400.00	36400.00	36400.00	
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	
	Net loan - Opening	36400.00	36400.00	36400.00	36400.00	36400.00	
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	
	Total	36400.00	36400.00	36400.00	36400.00	36400.00	
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	
	Net loan - Closing	36400.00	36400.00	36400.00	36400.00	36400.00	
	Average Net Loan	36400.00	36400.00	36400.00	36400.00	36400.00	
	Rate of Interest on Loan	7.4000%	7.4000%	7.4000%	7.4000%	7.4000%	
	Interest on Loan Annualised	2693.60	2693.60	2693.60	2693.60	2693.60	
23	Bond 69						
	Gross loan - Opening	40000.00	40000.00	40000.00	40000.00	40000.00	
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	40000.00	
	Net loan - Opening	40000.00	40000.00	40000.00	40000.00	0.00	
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	
	Total	40000.00	40000.00	40000.00	40000.00	0.00	
	Repayments of Loans during the period	0.00	0.00	0.00	40000.00	0.00	
	Net loan - Closing	40000.00	40000.00	40000.00	0.00	0.00	
	Average Net Loan	40000.00	40000.00	40000.00	20000.00	0.00	
	Rate of Interest on Loan	7.3500%	7.3500%	7.3500%	7.3500%	7.3500%	
	Interest on Loan Annualised	2940.00	2940.00	2940.00	1470.00	0.00	
24	Bank of India-II (Repayment 28.06.2019)						
	Gross loan - Opening	20000.00	20000.00	20000.00	20000.00	20000.00	
	Cumulative repayments of Loans upto previous period	4000.00	4000.00	6000.00	8000.00	12000.00	
	Net loan - Opening	16000.00	16000.00	14000.00	12000.00	8000.00	
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	
	Total	16000.00	16000.00	14000.00	12000.00	8000.00	
	Repayments of Loans during the period	0.00	2000.00	2000.00	4000.00	4000.00	
	Net loan - Closing	16000.00	14000.00	12000.00	8000.00	4000.00	
	Average Net Loan	16000.00	15000.00	13000.00	10000.00	6000.00	
	Rate of Interest on Loan	7.7500%	7.7500%	7.7500%	7.7500%	7.7500%	
	Interest on Loan Annualised	1240.00	1162.50	1007.50	775.00	465.00	
25	HDFC Bank -III (Repayment 04.12.2021)						
	Gross loan - Opening	4800.00	4800.00	4800.00	4800.00	4800.00	
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	533.33	
	Net loan - Opening	4800.00	4800.00	4800.00	4800.00	4266.67	
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	
	Total	4800.00	4800.00	4800.00	4800.00	4266.67	
	Repayments of Loans during the period	0.00	0.00	0.00	533.33	533.33	
	Net loan - Closing	4800.00	4800.00	4800.00	4266.67	3733.33	
	Average Net Loan	4800.00	4800.00	4800.00	4533.33	4000.00	
	Rate of Interest on Loan	7.6500%	7.6500%	7.6500%	7.6500%	7.6500%	
	Interest on Loan Annualised	367.20	367.20	367.20	346.80	306.00	
26	HDFC Bank -IV (Repayment 17.04.2021)						
	Gross loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00	
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	1111.11	
	Net loan - Opening	10000.00	10000.00	10000.00	10000.00	8888.89	
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	
	Total	10000.00	10000.00	10000.00	10000.00	8888.89	
	Repayments of Loans during the period	0.00	0.00	0.00	1111.11	1111.11	
	Net loan - Closing	10000.00	10000.00	10000.00	8888.89	7777.78	
	Average Net Loan	10000.00	10000.00	10000.00	9444.44	8333.33	
	Rate of Interest on Loan	7.6500%	7.6500%	7.6500%	7.6500%	7.6500%	
	Interest on Loan Annualised	765.00	765.00	765.00	722.50	637.50	
27	HDFC Bank -V (Repayment 25.09.2024) D-6						
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00	
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	
	Net loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00	
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	
	Total	5000.00	5000.00	5000.00	5000.00	5000.00	
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	
	Net loan - Closing	5000.00	5000.00	5000.00	5000.00	5000.00	
	Average Net Loan	5000.00	5000.00	5000.00	5000.00	5000.00	
	Rate of Interest on Loan	7.6500%	7.6500%	7.6500%	7.6500%	7.6500%	
	Interest on Loan Annualised	382.50	382.50	382.50	382.50	382.50	

Calculation of Interest on Actual Loans

Name of the Company	NTPC LTD.						Form-13
Name of the Power Station	Darlipalli STPS Stage-I						
28	HDFC Bank - V (Repayment 25.09.2024) D-7						
	Gross loan - Opening	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00
	Average Net Loan	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00
	Rate of Interest on Loan	7.6500%	7.6500%	7.6500%	7.6500%	7.6500%	7.6500%
	Interest on Loan Annualised	191.25	191.25	191.25	191.25	191.25	191.25
29	HDFC Bank - VI (Repayment 26.09.2025)						
	Gross loan - Opening	3400.00	3400.00	3400.00	3400.00	3400.00	3400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3400.00	3400.00	3400.00	3400.00	3400.00	3400.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	3400.00	3400.00	3400.00	3400.00	3400.00	3400.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3400.00	3400.00	3400.00	3400.00	3400.00	3400.00
	Average Net Loan	3400.00	3400.00	3400.00	3400.00	3400.00	3400.00
	Rate of Interest on Loan	7.6500%	7.6500%	7.6500%	7.6500%	7.6500%	7.6500%
	Interest on Loan Annualised	260.10	260.10	260.10	260.10	260.10	260.10
30	HDFC Bank - VII (Repayment 11.06.2026) D-1						
	Gross loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
	Average Net Loan	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
	Rate of Interest on Loan	7.6500%	7.6500%	7.6500%	7.6500%	7.6500%	7.6500%
	Interest on Loan Annualised	153.00	153.00	153.00	153.00	153.00	153.00
31	HDFC Bank - VII (Repayment 11.06.2026) D-2						
	Gross loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Average Net Loan	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Rate of Interest on Loan	7.6500%	7.6500%	7.6500%	7.6500%	7.6500%	7.6500%
	Interest on Loan Annualised	229.50	229.50	229.50	229.50	229.50	229.50
32	ICICI Bank-IV (Prepaid 1.1.2019 with PNB IV) D-1						
	Gross loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Cumulative repayments of Loans upto previous period	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
33	ICICI Bank-IV (Prepaid 1.1.2019 with PNB IV) D-2						
	Gross loan - Opening	11300.00	11300.00	11300.00	11300.00	11300.00	11300.00
	Cumulative repayments of Loans upto previous period	11300.00	11300.00	11300.00	11300.00	11300.00	11300.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
34	ICICI Bank-IV (Prepaid 1.1.2019 with PNB IV) D-3						
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00

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Calculation of Interest on Actual Loans

Name of the Company

NTPC LTD.

Form-18

Name of the Power Station

Darlipalli STPS Stage-I

35	ICICI Bank-IV (Prepaid 1.1.2019 with PNB IV) D-4						
	Gross loan - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Cumulative repayments of Loans upto previous period	3000.00	3000.00	3000.00	3000.00	3000.00	3000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
36	ICICI Bank-IV (Prepaid 1.1.2019 with PNB IV) D-6						
	Gross loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
	Cumulative repayments of Loans upto previous period	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%	8.6000%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
37	PNB -III (Repayment 01.02.2022) D-1						
	Gross loan - Opening	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	444.44	888.89
	Net loan - Opening	4000.00	4000.00	4000.00	4000.00	3555.56	3111.11
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	4000.00	4000.00	4000.00	4000.00	3555.56	3111.11
	Repayments of Loans during the period	0.00	0.00	0.00	444.44	444.44	444.44
	Net loan - Closing	4000.00	4000.00	4000.00	3555.56	3111.11	2666.67
	Average Net Loan	4000.00	4000.00	4000.00	3777.78	3333.33	2888.89
	Rate of Interest on Loan	7.9000%	7.9000%	7.9000%	7.9000%	7.9000%	7.9000%
	Interest on Loan Annualised	316.00	316.00	316.00	298.44	263.33	228.22
38	PNB -III (Repayment 01.02.2022) D-2						
	Gross loan - Opening	6500.00	6500.00	6500.00	6500.00	6500.00	6500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	722.22	1444.44
	Net loan - Opening	6500.00	6500.00	6500.00	6500.00	5777.78	5055.56
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	6500.00	6500.00	6500.00	6500.00	5777.78	5055.56
	Repayments of Loans during the period	0.00	0.00	0.00	722.22	722.22	722.22
	Net loan - Closing	6500.00	6500.00	6500.00	5777.78	5055.56	4333.33
	Average Net Loan	6500.00	6500.00	6500.00	6138.89	5416.67	4694.44
	Rate of Interest on Loan	7.9000%	7.9000%	7.9000%	7.9000%	7.9000%	7.9000%
	Interest on Loan Annualised	513.50	513.50	513.50	484.97	427.92	370.86
39	PNB -IV (Repayment 01.02.2022) D-1						
	Gross loan - Opening	27300.00	27300.00	27300.00	27300.00	27300.00	27300.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	3033.33	6066.67
	Net loan - Opening	27300.00	27300.00	27300.00	27300.00	24266.67	21233.33
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	27300.00	27300.00	27300.00	27300.00	24266.67	21233.33
	Repayments of Loans during the period	0.00	0.00	0.00	3033.33	3033.33	3033.33
	Net loan - Closing	27300.00	27300.00	27300.00	24266.67	21233.33	18200.00
	Average Net Loan	27300.00	27300.00	27300.00	25783.33	22750.00	19716.67
	Rate of Interest on Loan	7.9000%	7.9000%	7.9000%	7.9000%	7.9000%	7.9000%
	Interest on Loan Annualised	2156.70	2156.70	2156.70	2036.88	1797.25	1557.62
40	SBI-VIII (Repayment 31.01.2022) D-4						
	Gross loan - Opening	6800.00	6800.00	6800.00	6800.00	6800.00	6800.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	755.56	1511.11
	Net loan - Opening	6800.00	6800.00	6800.00	6800.00	6044.44	5288.89
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	6800.00	6800.00	6800.00	6800.00	6044.44	5288.89
	Repayments of Loans during the period	0.00	0.00	0.00	755.56	755.56	755.56
	Net loan - Closing	6800.00	6800.00	6800.00	6044.44	5288.89	4533.33
	Average Net Loan	6800.00	6800.00	6800.00	6422.22	5666.67	4911.11
	Rate of Interest on Loan	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%
	Interest on Loan Annualised	523.60	523.60	523.60	494.51	436.33	378.16
41	SBI-VIII (Repayment 31.01.2022) D-5						
	Gross loan - Opening	5500.00	5500.00	5500.00	5500.00	5500.00	5500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	611.11	1222.22
	Net loan - Opening	5500.00	5500.00	5500.00	5500.00	4888.89	4277.78
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	5500.00	5500.00	5500.00	5500.00	4888.89	4277.78
	Repayments of Loans during the period	0.00	0.00	0.00	611.11	611.11	611.11
	Net loan - Closing	5500.00	5500.00	5500.00	4888.89	4277.78	3666.67
	Average Net Loan	5500.00	5500.00	5500.00	5194.44	4583.33	3972.22
	Rate of Interest on Loan	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%
	Interest on Loan Annualised	423.50	423.50	423.50	399.97	352.92	305.86

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Calculation of Interest on Actual Loans

Name of the Company	NTPC LTD.						Form-13
Name of the Power Station	Darlipalli STPS Stage-I						
42 SBI-VIII (Repayment 31.01.2022) D-7							
Gross loan - Opening	2700.00	2700.00	2700.00	2700.00	2700.00	2700.00	
Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	300.00	600.00	
Net loan - Opening	2700.00	2700.00	2700.00	2700.00	2400.00	2100.00	
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Total	2700.00	2700.00	2700.00	2700.00	2400.00	2100.00	
Repayments of Loans during the period	0.00	0.00	0.00	300.00	300.00	300.00	
Net loan - Closing	2700.00	2700.00	2700.00	2400.00	2100.00	1800.00	
Average Net Loan	2700.00	2700.00	2700.00	2550.00	2250.00	1950.00	
Rate of Interest on Loan	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	
Interest on Loan Annualised	207.90	207.90	207.90	196.35	173.25	150.15	
43 SBI-VIII (Repayment 31.01.2022) D-8							
Gross loan - Opening	3400.00	3400.00	3400.00	3400.00	3400.00	3400.00	
Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	377.78	755.56	
Net loan - Opening	3400.00	3400.00	3400.00	3400.00	3022.22	2644.44	
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Total	3400.00	3400.00	3400.00	3400.00	3022.22	2644.44	
Repayments of Loans during the period	0.00	0.00	0.00	377.78	377.78	377.78	
Net loan - Closing	3400.00	3400.00	3400.00	3022.22	2644.44	2266.67	
Average Net Loan	3400.00	3400.00	3400.00	3211.11	2833.33	2455.56	
Rate of Interest on Loan	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	
Interest on Loan Annualised	261.80	261.80	261.80	247.26	218.17	189.08	
44 SBI-VIII (Repayment 31.01.2022) D-11							
Gross loan - Opening	1600.00	1600.00	1600.00	1600.00	1600.00	1600.00	
Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	177.78	355.56	
Net loan - Opening	1600.00	1600.00	1600.00	1600.00	1422.22	1244.44	
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Total	1600.00	1600.00	1600.00	1600.00	1422.22	1244.44	
Repayments of Loans during the period	0.00	0.00	0.00	177.78	177.78	177.78	
Net loan - Closing	1600.00	1600.00	1600.00	1422.22	1244.44	1066.67	
Average Net Loan	1600.00	1600.00	1600.00	1511.11	1333.33	1155.56	
Rate of Interest on Loan	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	
Interest on Loan Annualised	123.20	123.20	123.20	116.36	102.67	88.98	
45 SBI-VIII (Repayment 31.01.2022) D-12							
Gross loan - Opening	2200.00	2200.00	2200.00	2200.00	2200.00	2200.00	
Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	244.44	488.89	
Net loan - Opening	2200.00	2200.00	2200.00	2200.00	1955.56	1711.11	
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Total	2200.00	2200.00	2200.00	2200.00	1955.56	1711.11	
Repayments of Loans during the period	0.00	0.00	0.00	244.44	244.44	244.44	
Net loan - Closing	2200.00	2200.00	2200.00	1955.56	1711.11	1466.67	
Average Net Loan	2200.00	2200.00	2200.00	2077.78	1833.33	1588.89	
Rate of Interest on Loan	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	
Interest on Loan Annualised	169.40	169.40	169.40	159.99	141.17	122.34	
46 SBI-VIII (Repayment 31.01.2022) D-13							
Gross loan - Opening	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00	
Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	500.00	1000.00	
Net loan - Opening	4500.00	4500.00	4500.00	4500.00	4000.00	3500.00	
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Total	4500.00	4500.00	4500.00	4500.00	4000.00	3500.00	
Repayments of Loans during the period	0.00	0.00	0.00	500.00	500.00	500.00	
Net loan - Closing	4500.00	4500.00	4500.00	4000.00	3500.00	3000.00	
Average Net Loan	4500.00	4500.00	4500.00	4250.00	3750.00	3250.00	
Rate of Interest on Loan	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	
Interest on Loan Annualised	346.50	346.50	346.50	327.25	288.75	250.25	
47 SBI-VIII (Repayment 31.01.2022) D-14							
Gross loan - Opening	3500.00	3500.00	3500.00	3500.00	3500.00	3500.00	
Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	388.89	777.78	
Net loan - Opening	3500.00	3500.00	3500.00	3500.00	3111.11	2722.22	
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Total	3500.00	3500.00	3500.00	3500.00	3111.11	2722.22	
Repayments of Loans during the period	0.00	0.00	0.00	388.89	388.89	388.89	
Net loan - Closing	3500.00	3500.00	3500.00	3111.11	2722.22	2333.33	
Average Net Loan	3500.00	3500.00	3500.00	3305.56	2916.67	2527.78	
Rate of Interest on Loan	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	
Interest on Loan Annualised	269.50	269.50	269.50	254.53	224.58	194.64	
48 SBI-VIII (Repayment 31.01.2022) D-15							
Gross loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	
Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	222.22	444.44	
Net loan - Opening	2000.00	2000.00	2000.00	2000.00	1777.78	1555.56	
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	
Total	2000.00	2000.00	2000.00	2000.00	1777.78	1555.56	
Repayments of Loans during the period	0.00	0.00	0.00	222.22	222.22	222.22	
Net loan - Closing	2000.00	2000.00	2000.00	1777.78	1555.56	1333.33	
Average Net Loan	2000.00	2000.00	2000.00	1888.89	1666.67	1444.44	
Rate of Interest on Loan	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	
Interest on Loan Annualised	154.00	154.00	154.00	145.44	128.33	111.22	

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Calculation of Interest on Actual Loans

Name of the Company
Name of the Power Station

NTPC LTD.
Darlipalli STPS Stage-I

Form-13

49	SBI-VIII (Repayment 31.01.2022) D-23						
	Gross loan - Opening	7500.00	7500.00	7500.00	7500.00	7500.00	7500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	833.33	1666.67
	Net loan - Opening	7500.00	7500.00	7500.00	7500.00	6666.67	5833.33
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	7500.00	7500.00	7500.00	7500.00	6666.67	5833.33
	Repayments of Loans during the period	0.00	0.00	0.00	833.33	833.33	833.33
	Net loan - Closing	7500.00	7500.00	7500.00	6666.67	5833.33	5000.00
	Average Net Loan	7500.00	7500.00	7500.00	7083.33	6250.00	5416.67
	Rate of Interest on Loan	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%
	Interest on Loan Annualised	577.50	577.50	577.50	545.42	481.25	417.08
40	SBI-IX (Repayment 31.03.2021) D-1						
	Gross loan - Opening	7300.00	7300.00	7300.00	7300.00	7300.00	7300.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	811.11	1622.22	2433.33
	Net loan - Opening	7300.00	7300.00	7300.00	6488.89	5677.78	4866.67
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	7300.00	7300.00	7300.00	6488.89	5677.78	4866.67
	Repayments of Loans during the period	0.00	0.00	811.11	811.11	811.11	811.11
	Net loan - Closing	7300.00	7300.00	6488.89	5677.78	4866.67	4055.56
	Average Net Loan	7300.00	7300.00	6894.44	6083.33	5272.22	4461.11
	Rate of Interest on Loan	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%
	Interest on Loan Annualised	562.10	562.10	530.87	468.42	405.96	343.51
41	SBI-IX (Repayment 31.03.2021) D-10						
	Gross loan - Opening	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	500.00	1000.00	1500.00
	Net loan - Opening	4500.00	4500.00	4500.00	4000.00	3500.00	3000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	4500.00	4500.00	4500.00	4000.00	3500.00	3000.00
	Repayments of Loans during the period	0.00	0.00	500.00	500.00	500.00	500.00
	Net loan - Closing	4500.00	4500.00	4000.00	3500.00	3000.00	2500.00
	Average Net Loan	4500.00	4500.00	4250.00	3750.00	3250.00	2750.00
	Rate of Interest on Loan	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%
	Interest on Loan Annualised	346.50	346.50	327.25	288.75	250.25	211.75
42	SBI-X (Repayment 01.10.2024) D-1						
	Gross loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Average Net Loan	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
	Rate of Interest on Loan	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%
	Interest on Loan Annualised	462.00	462.00	462.00	462.00	462.00	462.00
43	SBI-X (Repayment 01.10.2024) D-2						
	Gross loan - Opening	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00
	Average Net Loan	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00
	Rate of Interest on Loan	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%
	Interest on Loan Annualised	192.50	192.50	192.50	192.50	192.50	192.50
44	SBI-X (Repayment 01.10.2024) D-7						
	Gross loan - Opening	22000.00	22000.00	22000.00	22000.00	22000.00	22000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	22000.00	22000.00	22000.00	22000.00	22000.00	22000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	22000.00	22000.00	22000.00	22000.00	22000.00	22000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	22000.00	22000.00	22000.00	22000.00	22000.00	22000.00
	Average Net Loan	22000.00	22000.00	22000.00	22000.00	22000.00	22000.00
	Rate of Interest on Loan	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%
	Interest on Loan Annualised	1694.00	1694.00	1694.00	1694.00	1694.00	1694.00
45	SBI-X (Repayment 01.10.2024) D-10						
	Gross loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Average Net Loan	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
	Rate of Interest on Loan	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%	7.7000%
	Interest on Loan Annualised	385.00	385.00	385.00	385.00	385.00	385.00

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Calculation of Interest on Actual Loans

Name of the Company	NTPC LTD.						Form-13
Name of the Power Station	Darlipalli STPS Stage-I						
46 SBI-XI (Repayment 01.10.2022) D-1							
Gross loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00
Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	1111.11
Net loan - Opening	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	8888.89
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	8888.89
Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	1111.11	1111.11
Net loan - Closing	10000.00	10000.00	10000.00	10000.00	8888.89	7777.78	
Average Net Loan	10000.00	10000.00	10000.00	10000.00	9444.44	8333.33	
Rate of Interest on Loan	7.8500%	7.8500%	7.8500%	7.8500%	7.8500%	7.8500%	
Interest on Loan Annualised	785.00	785.00	785.00	785.00	741.39	654.17	
47 SBI-XI (Repayment 01.10.2022) D-4							
Gross loan - Opening	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00
Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	444.44
Net loan - Opening	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00	3555.56
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	4000.00	4000.00	4000.00	4000.00	4000.00	4000.00	3555.56
Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	444.44	444.44
Net loan - Closing	4000.00	4000.00	4000.00	4000.00	3555.56	3111.11	
Average Net Loan	4000.00	4000.00	4000.00	4000.00	3777.78	3333.33	
Rate of Interest on Loan	7.8500%	7.8500%	7.8500%	7.8500%	7.8500%	7.8500%	
Interest on Loan Annualised	314.00	314.00	314.00	314.00	296.56	261.67	
48 SBI-XI (Repayment 01.10.2022) D-5							
Gross loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	666.67
Net loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	5333.33
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	5333.33
Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	666.67	666.67
Net loan - Closing	6000.00	6000.00	6000.00	6000.00	5333.33	4666.67	
Average Net Loan	6000.00	6000.00	6000.00	6000.00	5666.67	5000.00	
Rate of Interest on Loan	7.8500%	7.8500%	7.8500%	7.8500%	7.8500%	7.8500%	
Interest on Loan Annualised	471.00	471.00	471.00	471.00	444.83	392.50	
49 SBI-XI (Repayment 01.10.2022) D-8							
Gross loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	666.67
Net loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	5333.33
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	5333.33
Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	666.67	666.67
Net loan - Closing	6000.00	6000.00	6000.00	6000.00	5333.33	4666.67	
Average Net Loan	6000.00	6000.00	6000.00	6000.00	5666.67	5000.00	
Rate of Interest on Loan	7.8500%	7.8500%	7.8500%	7.8500%	7.8500%	7.8500%	
Interest on Loan Annualised	471.00	471.00	471.00	471.00	444.83	392.50	
50 SBI-XII (Repayment 31.03.2026) D-1							
Gross loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
Average Net Loan	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00	6000.00
Rate of Interest on Loan	7.8000%	7.8000%	7.8000%	7.8000%	7.8000%	7.8000%	7.8000%
Interest on Loan Annualised	468.00	468.00	468.00	468.00	468.00	468.00	468.00
51 SBI-XII (Repayment 31.03.2026) D-3							
Gross loan - Opening	4100.00	4100.00	4100.00	4100.00	4100.00	4100.00	4100.00
Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	4100.00	4100.00	4100.00	4100.00	4100.00	4100.00	4100.00
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	4100.00	4100.00	4100.00	4100.00	4100.00	4100.00	4100.00
Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	4100.00	4100.00	4100.00	4100.00	4100.00	4100.00	4100.00
Average Net Loan	4100.00	4100.00	4100.00	4100.00	4100.00	4100.00	4100.00
Rate of Interest on Loan	7.8000%	7.8000%	7.8000%	7.8000%	7.8000%	7.8000%	7.8000%
Interest on Loan Annualised	319.80	319.80	319.80	319.80	319.80	319.80	319.80
52 SBI-XII (Repayment 31.03.2026) D-4							
Gross loan - Opening	16000.00	16000.00	16000.00	16000.00	16000.00	16000.00	16000.00
Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	16000.00	16000.00	16000.00	16000.00	16000.00	16000.00	16000.00
Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	16000.00	16000.00	16000.00	16000.00	16000.00	16000.00	16000.00
Repayments of Loans during the period	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	16000.00	16000.00	16000.00	16000.00	16000.00	16000.00	16000.00
Average Net Loan	16000.00	16000.00	16000.00	16000.00	16000.00	16000.00	16000.00
Rate of Interest on Loan	7.8000%	7.8000%	7.8000%	7.8000%	7.8000%	7.8000%	7.8000%
Interest on Loan Annualised	1248.00	1248.00	1248.00	1248.00	1248.00	1248.00	1248.00

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Calculation of Interest on Actual Loans							
Name of the Company		NTPC LTD.					Form-13
Name of the Power Station		Darlipalli STPS Stage-I					
53	Vijaya Bank-VI (Repayment 14.03.2020) D-4						
	Gross loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
	Cumulative repayments of Loans upto previous period	0.00	200.00	200.00	400.00	600.00	800.00
	Net loan - Opening	2000.00	1800.00	1800.00	1600.00	1400.00	1200.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	2000.00	1800.00	1800.00	1600.00	1400.00	1200.00
	Repayments of Loans during the period	200.00	0.00	200.00	200.00	200.00	200.00
	Net loan - Closing	1800.00	1800.00	1600.00	1400.00	1200.00	1000.00
	Average Net Loan	1900.00	1800.00	1700.00	1500.00	1300.00	1100.00
	Rate of Interest on Loan	7.6500%	7.6500%	7.6500%	7.6500%	7.6500%	7.6500%
	Interest on Loan Annualised	145.35	137.70	130.05	114.75	99.45	84.15
	Total Loan						
	Gross loan - Opening	742,410.16	742,410.16	742,410.16	742,410.16	742,410.16	742,410.16
	Cumulative repayments of Loans upto previous period	31,300.00	32,625.62	35,751.25	53,887.99	122,446.94	188,891.53
	Net loan - Opening	711,110.16	709,784.54	706,658.91	688,522.17	619,963.22	553,518.63
	Increase/ Decrease due to FERV	-	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-	-
	Total	711,110.16	709,784.54	706,658.91	688,522.17	619,963.22	553,518.63
	Repayments of Loans during the period	1,325.62	3,125.62	18,136.74	68,558.96	66,444.59	75,135.56
	Net loan - Closing	709,784.54	706,658.91	688,522.17	619,963.22	553,518.63	478,383.07
	Average Net Loan	710,447.35	708,221.72	697,590.54	654,242.70	586,740.92	515,950.85
	Rate of Interest on Loan	6.4048%	6.4070%	6.3887%	6.3200%	6.1684%	5.8645%
	Interest on Loan Annualised	45,502.71	45,375.76	44,566.66	41,348.05	36,192.74	30,257.74

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Name of the Company **NTPC LTD**
 Name of the Power Station **Darlipalli STPS Stage-I**

Name of the Bank	Drawl Amount	Drawl Date	Interest Details	
			w.e.f.	ROI
			01-Nov-18	8.3000%
			04-May-19	8.2000%
			04-Aug-19	8.0500%
			04-Nov-19	7.9000%
PNB-IV	2,730,000,000	1-Jan-19	1-Jan-19	8.6000%
			4-Feb-19	8.3000%
			04-May-19	8.2000%
			04-Aug-19	8.0500%
			04-Nov-19	7.9000%
SBI-VIII	680,000,000.00	04-Aug-15	04-Aug-15	9.7000%
	550,000,000.00	23-Sep-15	05-Oct-15	9.3000%
	270,000,000.00	15-Oct-15	01-Aug-16	9.1000%
	340,000,000.00	21-Oct-15	14-Feb-17	8.3000%
	160,000,000.00	30-Oct-15	14-Aug-17	7.9000%
	220,000,000	12-Nov-15	14-Nov-17	7.8500%
	450,000,000	01-Dec-15	14-Aug-18	7.9500%
	350,000,000	01-Jan-16	14-Nov-18	8.2000%
	200,000,000	29-Jan-16	14-Feb-19	8.2500%
	750,000,000	10-Oct-16	14-May-19	8.1500%
			14-Aug-19	7.9500%
			14-Nov-19	7.7000%
SBI-XI	1,000,000,000.00	16-Oct-18	16-Oct-18	8.3000%
	400,000,000.00	22-Nov-18	11-Jan-19	8.3500%
	600,000,000.00	11-Dec-18	11-Apr-19	8.3000%
	600,000,000.00	1-Jan-19	11-Jul-19	8.2000%
			11-Oct-19	7.8500%
SBI-XII	600,000,000.00	11-Feb-19	11-Feb-19	8.3500%
	410,000,000.00	26-Mar-19	11-May-19	8.2500%

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Name of the Company **NTPC LTD**
 Name of the Power Station **Darlipalli STPS Stage-I**

Name of the Bank	Drawl Amount	Drawl Date	Interest Details	
			w.e.f.	ROI
	1,600,000,000.00	12-Apr-19	11-Aug-19	8.0500%
			11-Nov-19	7.8000%
VIJAYA BANK	200,000,000.00	13-Nov-17	13-Nov-17	7.9000%
			13-Aug-18	8.1000%
			13-Sep-18	8.1500%
			13-Oct-18	8.2000%
			13-Nov-18	8.2500%
			13-Jan-19	8.3500%
			13-Feb-19	8.4000%
			13-Apr-19	8.3000%
			13-May-19	8.3500%
			13-Jul-19	8.3000%
			13-Aug-19	8.1500%
			13-Sep-19	8.1000%
			13-Oct-19	8.0500%
			13-Nov-19	7.8500%
			13-Dec-19	7.6500%

Exhibits

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Details of IDC for Dariipalli

Rs Lakhs

	IDC DOMESTIC LOAN	IDC BONDS	IDC FOREIGN LOAN	Financial charges capitalised	ERV treated As BC	Total	Amort Exp Vendor Disc-ind AS	Total IDC incl IND AS ADJ	Charged to P&L	IDC taken to CWIP	Cummulative IDC in CWIP	IDC capitalised in Gross Block	IDC capitalised AS VENDOR DISC	Balance in CWIP
2013-14	25512054	14138345	0	4215797	0	43866196		43866196	0	43866196	43866196			
2014-15	204000000	433529593	9003907	5816256	0	652349756		652349756	0	652349756	696215952			43866196
2015-16	338760575	806105879	54284016	65321869	0	1264472338		1264472338	0	1264472338	1960688290			696215952
2016-17	703096943	1167420544	325712669	39625599	0	2235855755	300895455	2536751210	0	2536751210	4497439500			1960688290
2017-18	863430137	1506472000	835804702	142080823	323217979	3470785641	410429449	3881215090	0	3881215090	8378654591			4497439500
2018-19	1435351624	1506453990	868189445	56656799	147599127	4016250984	103705582	4119956566	0	4119956566	12498611157			8378654591
2019-20 (upto Q3)	1381433361	1220669761	712544793	8017629	501282850	3823928394	8859143	3832787538	0	3832787538	16331398695	10044960000		12498611157
Total upto 14.09.2018	4951584694	6654790111	2605339532	323714772	972079956	15507509065	823889629	16331398695	0	16331398695				6286438695

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Detail of Short Term ERV For Darlipali- 31.12.2019

Year	Quarter	Amount (In Lakhs)
2014-15	Q3	37.00
	Q4	15.99
2015-16	Q1	0.09
	Q2	-15.61
	Q3	-23.82
	Q4	218.05
2016-17	Q1	124.94
	Q2	106.52
	Q3	590.11
	Q4	280.02
2017-18	Q1	364.81
	Q2	-154.66
	Q3	156.97
	Q4	-353.85
2018-19	Q1	-161.18
	Q2	-306.50
	Q3	109.00
	Q4	89.53
2019-20	Q1	17.42
	Q2	21.11
	Q3	-206.27
Total		909.66

Total FERV not taken to capital Cost

As on 31.12.2019

Sr. No.	Particulars	Amount(in Rs. Lakhs)
1	Loan ERV treated as Borrowing Cost drawn after 01.04.2016 transfer to P&L	
2	Loan FERV after 01.04.2016 transfer to P&L	4553.40
3	Short Term FERV	909.66
	Total	5463.06

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Details of FERV for Darlipali STPS Stage-I

									Rs Lakhs	
			Total FERV	Transferred to PL (other than BC)	ERV Treated as BC-IDC	ERV Treated as BC- T/f to PL	ERV as per AS-11	Cummulative ERV in CWIP	ERV capitalised in Gross Block	Balance in CWIP
2014-15			215.35	0.00	0.00	0.00	215.35	215.35		
2015-16			(433.01)	0.00	0.00	0.00	(433.01)	(217.66)		
2016-17			(2566.15)	(733.43)	0.00	0.00	(1832.71)	(2050.37)		
2017-18			8329.50	5209.82	3232.18	0.00	(112.50)	(2162.87)		
2018-19			5535.62	(597.97)	1475.99	0.00	4657.60	2494.73		
2019-20			8038.92	674.99	5012.63	0.00	2351.30	4846.03	3149.86	1696.17
Total upto 24.09.2017			19120.23	4553.40	9720.80	0.00	4846.03			

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Form 14

(Amt in ₹)

Name of the Company						
NTPC Ltd						
Name of the Power Station						
Darlipalli STPS S						
Name of the Bank	Description	Q1 2013-14	Q2 2013-14	Q3 2013-14	Q4 2013-14	Total 2013-14
Bank of India II	Drawl Amount					
	Interest Debit	-	-		2,000,000,000	2,000,000,000
	Interest Credit				25,512,054	25,512,054
	Adj. Amount					-
	Net Charges	-	-			-
	Financial charges				25,512,054	25,512,054
						-
						-
HDFC Bank Limited-III	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges	-	-	-	-	-
	Financial charges					-
						-
HDFC Bank Limited-IV	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges	-	-	-	-	-
	Financial charges					-
						-
						-
HDFC Bank Limited-V	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
						-
						-

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Name of the Bank	Description	Q1 2013-14	Q2 2013-14	Q3 2013-14	Q4 2013-14	Total 2013-14
PNB-IV	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
						-
State Bank of India-VIII	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
						-
State Bank of India-IX	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
						-
State Bank of India-X	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
						-

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Name of the Bank	Description	Q1 2013-14	Q2 2013-14	Q3 2013-14	Q4 2013-14	Total 2013-14
						-
State Bank of India-XI	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
State Bank of India-XII	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
Vijaya Bank-VI	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
						-
						-
						-
						-
						-
TOTAL	Drawl Amount	-	-	-	2,000,000,000	2,000,000,000
	Interest Debit	-	-	-	25,512,054	25,512,054
	Interest Credit	-	-	-	-	-
	Adj. Amount	-	-	-	-	-
	Net Charges	-	-	-	25,512,054	25,512,054
	Financial charges	-	-	-	-	-

Signature

Form 14

(Amt in ₹)

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Name of the Company	NTPC Ltd					
Name of the Power Station	Darlipalli STPS S					
Name of the Bank	Description	Q1 2014-15	Q2 2014-15	Q3 2014-15	Q4 2014-15	Total 2014-15
Name of the Bank	Description	Q1	Q2	Q3	Q4	Total
Bank of India II	Drawl Amount					-
	Interest Debit	50,860,274	51,419,178	51,419,178	50,301,370	204,000,000
	Interest Credit					-
	Adj. Amount					-
	Net Charges	50,860,274	51,419,178	51,419,178	50,301,370	204,000,000
	Financial charges					-
						-
						-
HDFC Bank Limited-III	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges	-	-	-	-	-
	Financial charges					-
						-
						-
HDFC Bank Limited-IV	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges	-	-	-	-	-
	Financial charges					-
						-
						-
HDFC Bank Limited-V	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
						-
						-

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Name of the Bank	Description	Q1 2014-15	Q2 2014-15	Q3 2014-15	Q4 2014-15	Total 2014-15
PNB-IV	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
State Bank of India-VIII	Drawl Amount					-
	Interest Debit	-	-	-		-
	Interest Credit					-
	Adj. Amount					-
	Net Charges	-	-	-		-
	Financial charges					-
						-
State Bank of India-IX	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
						-
State Bank of India-X	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
						-

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Name of the Bank	Description	Q1 2014-15	Q2 2014-15	Q3 2014-15	Q4 2014-15	Total 2014-15
						-
State Bank of India-XI	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
State Bank of India-XII	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
Vijaya Bank-VI	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
						-
						-
						-
						-
						-
TOTAL	Drawl Amount	-	-	-	-	-
	Interest Debit	50,860,274	51,419,178	51,419,178	50,301,370	204,000,000
	Interest Credit	-	-	-	-	-
	Adj. Amount	-	-	-	-	-
	Net Charges	50,860,274	51,419,178	51,419,178	50,301,370	204,000,000
	Financial charges	-	-	-	-	-

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Form 14

(Amount in ₹)

Name of the Company	NTPC Ltd					
Name of the Power Station	Darlipaill STPS S					
Name of the Bank	Description	Q1 2015-16	Q2 2015-16	Q3 2015-16	Q4 2015-16	Total 2015-16
Name of the Bank	Description	Q1	Q2	Q3	Q4	Total
Bank of India II	Drawl Amount					-
	Interest Debit	50,065,754	50,158,904	48,953,425	48,367,123	197,545,206
	Interest Credit					-
	Adj. Amount					-
	Net Charges	50,065,754	50,158,904	48,953,425	48,367,123	197,545,206
	Financial charges					-
						-
						-
HDFC Bank Limited-III	Drawl Amount					-
	Interest Debit	-	-	-	-	-
	Interest Credit					-
	Adj. Amount					-
	Net Charges	-	-	-	-	-
	Financial charges					-
						-
						-
HDFC Bank Limited-IV	Drawl Amount					-
	Interest Debit	-	-	-	-	-
	Interest Credit					-
	Adj. Amount					-
	Net Charges	-	-	-	-	-
	Financial charges					-
						-
						-
HDFC Bank Limited-V	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
						-
						-

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Name of the Bank	Description	Q1 2015-16	Q2 2015-16	Q3 2015- 16	Q4 2015- 16	Total 2015-16
						-
HDFC Bank Limited-VI	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
HDFC Bank Limited-VII	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
ICICI-IV	Drawl Amount					
	Interest Debit				600,000,000	600,000,000
	Interest Credit				6,916,438	6,916,438
	Adj. Amount					-
	Net Charges	-	-	-		-
	Financial charges				6,916,438	6,916,438
						-
PNB-III	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges	-	-	-		-
	Financial charges					-
						-

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Name of the Bank	Description	Q1 2015-16	Q2 2015-16	Q3 2015-16	Q4 2015-16	Total 2015-16
PNB-IV	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
State Bank of India-VIII	Drawl Amount		1,230,000,000	1,440,000,000	550,000,000	3,220,000,000
	Interest Debit		11,650,630	49,415,262	73,233,039	134,298,931
	Interest Credit					
	Adj. Amount					
	Net Charges		11,650,630	49,415,262	73,233,039	134,298,931
	Financial charges		138,203	161,798	61,798	361,799
State Bank of India-IX	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
State Bank of India-X	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					

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Name of the Bank	Description	Q1 2015-16	Q2 2015-16	Q3 2015- 16	Q4 2015- 16	Total 2015-16
						-
State Bank of India-XI	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
State Bank of India-XII	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
Vijaya Bank-VI	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
						-
						-
						-
						-
						-
						-
						-
TOTAL	Drawl Amount	-	1,230,000,000	1,440,000,000	1,150,000,000	3,820,000,000
	Interest Debit	50,065,754	61,809,534	98,368,687	128,516,600	338,760,575
	Interest Credit	-	-	-	-	-
	Adj. Amount	-	-	-	-	-
	Net Charges	50,065,754	61,809,534	98,368,687	128,516,600	338,760,575
	Financial charges	-	138,203	161,798	61,798	361,799

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Form 14

(Amount in ₹)

Name of the Company	NTPC Ltd					
Name of the Power Station	Darlipalli STPS S					
Name of the Bank	Description	Q1 2016-17	Q2 2016-17	Q3 2016-17	Q4 2016-17	Total 2016-17
Name of the Bank	Description	Q1	Q2	Q3	Q4	Total
Bank of India II	Drawl Amount					-
	Interest Debit	48,367,123	48,898,630	46,383,562	41,145,207	184,794,522
	Interest Credit					-
	Adj. Amount					-
	Net Charges	48,367,123	48,898,630	46,383,562	41,145,207	184,794,522
	Financial charges					-
						-
						-
HDFC Bank Limited-III	Drawl Amount		480,000,000			480,000,000
	Interest Debit		9,813,041	10,962,411	9,565,808	30,341,260
	Interest Credit					-
	Adj. Amount					-
	Net Charges	-	9,813,041	10,962,411	9,565,808	30,341,260
	Financial charges					-
						-
						-
HDFC Bank Limited-IV	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
						-
						-
						-
HDFC Bank Limited-V	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
						-
						-

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Name of the Bank	Description	Q1 2016-17	Q2 17	2016- Q3 17	2016- Q4 17	Total 2016-17
PNB-IV	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
State Bank of India-VIII	Drawl Amount			750,000,000		750,000,000
	Interest Debit	74,659,889	74,404,057	89,376,957	85,077,644	323,518,547
	Interest Credit					
	Adj. Amount					
	Net Charges	74,659,889	74,404,057	89,376,957	85,077,644	323,518,547
	Financial charges				197,535	197,535
State Bank of India-IX	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
State Bank of India-X	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-

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Name of the Bank	Description	Q1 2016-17	Q2 17 2016-	Q3 17 2016-	Q4 17 2016-	Total 2016-17
						-
State Bank of India-XI	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
State Bank of India-XII	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
Vijaya Bank-VI	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
						-
						-
						-
						-
						-
TOTAL	Drawl Amount	-	2,410,000,000	950,000,000	-	-
	Interest Debit	137,013,587	167,500,647	205,576,243	-	3,360,000,000
	Interest Credit	-	-	-	193,006,466	703,096,943
	Adj. Amount	-	-	-	-	-
	Net Charges	137,013,587	167,500,647	205,576,243	-	-
	Financial charges	-	-	-	193,006,466	703,096,943
					197,535	197,535

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Form 14

(Amount in ₹)

Name of the Company	NTPC Ltd					
Name of the Power Station	Darlipalli STPS S					
Name of the Bank	Description	Q1 2017-18	Q2 2017-18	Q3 2017-18	Q4 2017-18	Total 2017-18
Name of the Bank	Description	Q1	Q2	Q3	Q4	Total
Bank of India II	Drawl Amount					-
	Interest Debit	40,638,356	40,824,658	40,328,767	39,452,055	161,243,836
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	40,638,356	40,824,658	40,328,767	39,452,055	161,243,836
	Financial charges				-	-
					-	-
					-	-
HDFC Bank Limited-III	Drawl Amount					-
	Interest Debit	9,513,863	9,618,411	9,618,411	9,444,164	38,194,849
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	9,513,863	9,618,411	9,618,411	9,444,164	38,194,849
	Financial charges				-	-
					-	-
					-	-
HDFC Bank Limited-IV	Drawl Amount					-
	Interest Debit					-
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
						-
						-
						-
HDFC Bank Limited-V	Drawl Amount			500,000,000	250,000,000	750,000,000
	Interest Debit			1,182,877	14,538,698	15,721,575
	Interest Credit					-
	Adj. Amount					-
	Net Charges			1,182,877	14,538,698	15,721,575
	Financial charges					-
						-
						-

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Name of the Bank	Description	Q1 2017-18	Q2 2017-18	Q3 2017-18	Q4 2017-18	Total 2017-18
PNB-IV	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
						-
						-
State Bank of India-VIII	Drawl Amount				-	-
	Interest Debit	82,151,808	80,966,248	78,790,907	76,843,970	318,752,933
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	82,151,808	80,966,248	78,790,907	76,843,970	318,752,933
	Financial charges				-	-
						-
State Bank of India-IX	Drawl Amount	1,180,000,000				1,180,000,000
	Interest Debit	11,850,000	14,536,000	14,488,000	14,130,000	55,004,000
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	11,850,000	14,536,000	14,488,000	14,130,000	55,004,000
	Financial charges		-		-	-
						-
State Bank of India-X	Drawl Amount		600,000,000	250,000,000	2,200,000,000	3,050,000,000
	Interest Debit	-	779,178	16,755,000	25,915,753	43,449,931
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	-	779,178	16,755,000	25,915,753	43,449,931
	Financial charges				-	-

Exhibit

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Name of the Bank	Description	Q1 2017-18	Q2 2017-18	Q3 2017-18	Q4 2017-18	Total 2017-18
					-	-
State Bank of India-XI	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
State Bank of India-XII	Drawl Amount					
	Interest Debit					
	Interest Credit					
	Adj. Amount					
	Net Charges					
	Financial charges					
					-	-
Vijaya Bank-VI	Drawl Amount			200,000,000		200,000,000
	Interest Debit		-	2,121,096	3,895,890	6,016,986
	Interest Credit					-
	Adj. Amount					-
	Net Charges			2,121,096	3,895,890	6,016,986
	Financial charges					-
						-
						-
						-
						-
						-
TOTAL	Drawl Amount	1,180,000,000	600,000,000	950,000,000	3,500,000,000	6,230,000,000
	Interest Debit	197,923,807	201,085,155	217,533,521	246,887,654	863,430,137
	Interest Credit	-	-	-	-	-
	Adj. Amount	-	-	-	-	-
	Net Charges	197,923,807	201,085,155	217,533,521	246,887,654	863,430,137
	Financial charges	-	-	-	-	-

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Form 14

(Amt in ₹)

Name of the Company	NTPC Ltd					
Name of the Power Station	Daripalli STPS S					
Name of the Bank	Description	Q1 2018-19	Q2 2018-19	Q3 2018-19	Q4 2018-19	Total 2018-19
Name of the Bank	Description	Q1	Q2	Q3	Q4	Total
Bank of India II	Drawl Amount					
	Interest Debit	40,345,206	40,767,123	41,295,891	40,931,508	-
	Interest Credit					163,339,728
	Adj. Amount					-
	Net Charges	40,345,206	40,767,123	41,295,891	40,931,508	-
	Financial charges					163,339,728
						-
HDFC Bank Limited-III	Drawl Amount					
	Interest Debit	9,573,699	9,799,890	10,041,863	10,001,096	-
	Interest Credit					39,416,548
	Adj. Amount					-
	Net Charges	9,573,699	9,799,890	10,041,863	10,001,096	-
	Financial charges					39,416,548
						-
HDFC Bank Limited-IV	Drawl Amount					
	Interest Debit	-	1,000,000,000			1,000,000,000
	Interest Credit		20,153,424	20,936,986	20,791,781	61,882,191
	Adj. Amount					-
	Net Charges		20,153,424	20,936,986	20,791,781	-
	Financial charges					61,882,191
						-
HDFC Bank Limited-V	Drawl Amount					
	Interest Debit	14,971,232	15,336,987	15,711,987	15,626,712	-
	Interest Credit					61,646,918
	Adj. Amount					-
	Net Charges	14,971,232	15,336,987	15,711,987	15,626,712	-
	Financial charges					61,646,918
						-

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Name of the Bank	Description	Q1 2018-19	Q2 2018-19	Q3 2018-19	Q4 2018-19	Total 2018-19
HDFC Bank Limited-VI	Drawl Amount					
	Interest Debit	-	-	340,000,000		340,000,000
	Interest Credit			6,348,219	7,084,109	13,432,328
	Adj. Amount					-
	Net Charges			6,348,219	7,084,109	-
	Financial charges					13,432,328
						-
HDFC Bank Limited-VII	Drawl Amount					
	Interest Debit			-		500,000,000
	Interest Credit					-
	Adj. Amount					-
	Net Charges					-
	Financial charges					-
						-
						-
						-
						-
						-
ICICI-IV	Drawl Amount					
	Interest Debit	54,667,316	56,279,137	58,018,110		-
	Interest Credit				2	168,964,565
	Adj. Amount					-
	Net Charges	54,667,316	56,279,137	58,018,110	2	-
	Financial charges					168,964,565
						-
PNB-III	Drawl Amount					
	Interest Debit	20,682,125	21,215,753	21,743,630		-
	Interest Credit				21,489,042	85,130,550
	Adj. Amount					-
	Net Charges	20,682,125	21,215,753	21,743,630		-
	Financial charges				21,489,042	85,130,550
						-

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Name of the Bank	Description	Q1 2018-19	Q2 2018-19	Q3 2018-19	Q4 2018-19	Total 2018-19
PNB-IV	Drawl Amount				2,730,000,000	2,730,000,000
	Interest Debit	-	-	-	56,634,411	56,634,411
	Interest Credit					-
	Adj. Amount					-
	Net Charges				56,634,411	56,634,411
	Financial charges					-
State Bank of India-VIII	Drawl Amount					-
	Interest Debit	77,697,794	79,073,699	80,857,383	80,520,302	318,149,178
	Interest Credit					-
	Adj. Amount					-
	Net Charges	77,697,794	79,073,699	80,857,383	80,520,302	318,149,178
	Financial charges					-
State Bank of India-IX	Drawl Amount					-
	Interest Debit	14,287,000	14,540,004	33,189,764	23,932,983	85,949,751
	Interest Credit					-
	Adj. Amount					-
	Net Charges	14,287,000	14,540,004	33,189,764	23,932,983	85,949,751
	Financial charges					-
State Bank of India-X	Drawl Amount	500000000				500,000,000
	Interest Debit	63,299,246	71,252,878	72,993,286	72,214,264	279,759,674
	Interest Credit					-
	Adj. Amount					-
	Net Charges	63,299,246	71,252,878	72,993,286	72,214,264	279,759,674
	Financial charges					-

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Exhibit

Name of the Bank	Description	Q1 2018-19	Q2 2018-19	Q3 2018-19	Q4 2018-19	Total 2018-19
State Bank of India-XI	Drawl Amount	-	2,000,000,000	600,000,000	2,600,000,000	-
	Interest Debit	-	-	24,013,150	53,495,892	77,509,042
	Interest Credit	-	-	-	-	-
	Adj. Amount	-	-	-	-	-
	Net Charges	-	-	-	-	-
	Financial charges	-	-	24,013,150	53,495,892	77,509,042
	State Bank of India-XII	Drawl Amount	-	-	-	1,010,000,000
Interest Debit		-	-	-	7,288,520	-
Interest Credit		-	-	-	-	-
Adj. Amount		-	-	-	-	-
Net Charges		-	-	-	7,288,520	-
Financial charges		-	-	-	7,288,520	-
Vijaya Bank-VI		Drawl Amount	-	-	-	-
	Interest Debit	3,939,178	4,041,097	4,143,835	4,124,110	16,248,220
	Interest Credit	-	-	-	-	-
	Adj. Amount	-	-	-	-	-
	Net Charges	3,939,178	4,041,097	4,143,835	4,124,110	16,248,220
	Financial charges	-	-	-	-	-
	TOTAL	Drawl Amount	500,000,000	1,000,000,000	2,340,000,000	4,340,000,000
Interest Debit		299,462,796	332,459,992	389,294,104	414,134,732	1,435,351,624
Interest Credit		-	-	-	-	-
Adj. Amount		-	-	-	-	-
Net Charges		299,462,796	332,459,992	389,294,104	414,134,732	1,435,351,624
Financial charges		-	-	-	-	-

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Form 14

(Amount in ₹)

Name of the Company	NTPC Ltd					
Name of the Power Station	Daripalli STPS S					
Name of the Bank	Description	Q1 2019-20	Q2 2019-20	Q3 2019-20	Total 2019-20	GRAND TOTAL
Name of the Bank	Description	Q1	Q2	Q3	Total	GRAND TOTAL
Bank of India II	Drawl Amount					2,000,000,000
	Interest Debit	41,279,178	37,573,151	36,702,740	115,555,069	1,051,990,415
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	41,279,178	37,573,151	36,702,740	115,555,069	1,051,990,415
	Financial charges					-
						-
HDFC Bank Limited-III	Drawl Amount					480,000,000
	Interest Debit	10,112,219	10,032,657	9,573,041	29,717,917	137,670,574
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	10,112,219	10,032,657	9,573,041	29,717,917	137,670,574
	Financial charges					-
						-
HDFC Bank Limited-IV	Drawl Amount					1,000,000,000
	Interest Debit	20,964,384	20,901,371	19,943,836	61,809,591	123,691,782
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	20,964,384	20,901,371	19,943,836	61,809,591	123,691,782
	Financial charges					-
						-
						-
HDFC Bank Limited-V	Drawl Amount					750,000,000
	Interest Debit	15,794,178	15,676,029	14,957,876	46,428,083	123,796,576
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	15,794,178	15,676,029	14,957,876		77,368,493
	Financial charges					-
						-
						-

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Name of the Bank	Description	Q1 2019-20	Q2 2019-20	Q3 2019-20	Total 2019-20	GRAND TOTAL
						-
HDFC Bank Limited-VI	Drawl Amount				-	340,000,000
	Interest Debit	7,160,493	7,106,465	6,780,905	21,047,863	34,480,191
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	7,160,493	7,106,465	6,780,905	-	13,432,328
	Financial charges					-
HDFC Bank Limited-VII	Drawl Amount				-	500,000,000
	Interest Debit	1,610,959	10,450,686	9,971,917	22,033,562	22,033,562
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	1,610,959	10,450,686	9,971,917	22,033,562	22,033,562
	Financial charges					-
ICICI-IV	Drawl Amount				-	2,730,000,000
	Interest Debit				-	391,438,810
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	-	-	-	-	391,438,810
	Financial charges					-
						-
PNB-III	Drawl Amount				-	1,050,000,000
	Interest Debit	21,560,959	21,451,644	21,054,657	64,067,260	158,686,030
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	21,560,959	21,451,644	21,054,657	64,067,260	158,686,030
	Financial charges					-

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Name of the Bank	Description	Q1 2019-20	Q2 2019-20	Q3 2019-20	Total 2019-20	GRAND TOTAL
PNB-IV	Drawl Amount				-	2,730,000,000
	Interest Debit	56,058,493	55,774,274	54,742,109	166,574,876	223,209,287
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	56,058,493	55,774,274	54,742,109	166,574,876	223,209,287
	Financial charges					-
						-
						-
State Bank of India-VIII	Drawl Amount				-	3,970,000,000
	Interest Debit	81,134,837	80,509,424	78,247,083	239,891,344	1,334,610,933
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	81,134,837	80,509,424	78,247,083	239,891,344	1,334,610,933
	Financial charges					559,334
						-
State Bank of India-IX	Drawl Amount				-	1,180,000,000
	Interest Debit	24,115,644	23,929,754	23,257,316	71,302,714	212,256,465
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	24,115,644	23,929,754	23,257,316	71,302,714	212,256,465
	Financial charges					-
						-
State Bank of India-X	Drawl Amount				-	3,550,000,000
	Interest Debit	72,958,065	72,748,906	70,135,586	215,842,557	539,052,162
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	72,958,065	72,748,906	70,135,586	215,842,557	539,052,162
	Financial charges					-

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Name of the Bank	Description	Q1 2019-20	Q2 2019-20	Q3 2019-20	Total 2019-20	GRAND TOTAL
						-
State Bank of India-XI	Drawl Amount				-	2,600,000,000
	Interest Debit	53,837,808	53,809,315	51,693,698	159,340,821	236,849,863
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	53,837,808	53,809,315	51,693,698	159,340,821	236,849,863
	Financial charges					-
State Bank of India-XII	Drawl Amount	1,600,000,000			1,600,000,000	2,610,000,000
	Interest Debit	49,943,444	53,544,328	52,046,262	155,534,034	162,822,554
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	49,943,444	53,544,328	52,046,262	155,534,034	162,822,554
	Financial charges					-
Vijaya Bank-VI	Drawl Amount				-	200,000,000
	Interest Debit	4,158,631	4,142,192	3,986,847	12,287,670	34,552,876
	Interest Credit				-	-
	Adj. Amount				-	-
	Net Charges	4,158,631	4,142,192	3,986,847	12,287,670	34,552,876
	Financial charges					-
						-
						-
						-
						-
TOTAL	Drawl Amount	1,600,000,000	-	-	1,600,000,000	25,690,000,000
	Interest Debit	460,689,292	467,650,196	453,093,873	1,381,433,361	4,951,584,694
	Interest Credit	-	-	-	-	-
	Adj. Amount	-	-	-	-	-
	Net Charges	460,689,292	467,650,196	453,093,873	1,381,433,361	4,951,584,694
	Financial charges					559,334

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FORM - 14 (Quarterly)

Draw-down Schedule for Calculation of IDC & Financial Charges for Bonds

Name of the Company
Name of the Power Station

NTPC LIMITED
Darlipalli STPS Stage-I

Series	Description	Date of Drawal	2014-2015				
			2013-2014 01.01.14 to 31.03.14	01.04.14 to 30.06.14	01.07.14 to 30.09.14	01.10.14 to 31.12.14	01.01.15 to 31.03.15
51-C	Drawl Amount	04-03-14	1,000,000,000				
	Interest Debit		6,604,931	21,466,028	21,701,918	21,701,918	21,212,091
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		6,604,931	21,466,028	21,701,918	21,701,918	21,212,091
	Financial Charges		1,056,271	24,462	146,837	115	(6,315)
52	Drawl Amount	24-03-14	3,680,000,000				
	Interest Debit		7,533,414	85,692,581	86,634,258	86,634,258	84,730,321
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		7,533,414	85,692,581	86,634,258	86,634,258	84,730,321
	Financial Charges		3,159,526	142,223	540,230	292	(23,367)
54	Drawl Amount	25-03-15					4,920,000,000
	Interest Debit		-	-	-	-	3,756,222
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		-	-	-	-	-
	Financial Charges						3,756,222
58	Drawl Amount	31-12-15					796,010
	Interest Debit		-	-	-	-	-
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		-	-	-	-	-
	Financial Charges						
61	Drawl Amount	27-05-16					
	Interest Debit		-	-	-	-	-
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		-	-	-	-	-
	Financial Charges						
62	Drawl Amount	23-08-16					
	Interest Debit		-	-	-	-	-
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		-	-	-	-	-
	Financial Charges						
63	Drawl Amount	16-09-16					
	Interest Debit		-	-	-	-	-

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Series	Description	Date of Drawal	2013-2014		2014-2015		
			01.01.14 to 31.03.14	01.04.14 to 30.06.14	01.07.14 to 30.09.14	01.10.14 to 31.12.14	01.01.15 to 31.03.15
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges						
	Financial Charges						
64	Drawl Amount	07-11-16					
	Interest Debit		-	-	-	-	-
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges						
	Financial Charges						
65	Drawl Amount	24-11-16					
	Interest Debit		-	-	-	-	-
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges						
	Financial Charges						
66	Drawl Amount	14-12-16					
	Interest Debit		-	-	-	-	-
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges						
	Financial Charges						
69	Drawl Amount	17-07-19					
	Interest Debit		-	-	-	-	-
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges						
	Financial Charges						

	TOTAL BONDS		4,680,000,000	-	-	-	4,920,000,000
	TOTAL INT CHGS		14,138,345	107,158,608	108,336,175	108,336,175	109,698,634
	TOTAL FIN CHGS		4,215,797	166,685	687,067	407	766,328

*Issue costs have been considered in finance charges on the basis of payment and not on amortisation basis.

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FORM - 14 (Quarterly)

Draw-down Schedule for

Name of the Company
Name of the Power Station

NTPC LIMITED
Darlipalli STPS Stage-I

Series	Description	Date of Drawal	2015-2016				
			01.04.15 to 30.06.15	01.07.15 to 30.09.15	01.10.15 to 31.12.15	01.01.16 to 31.03.16	01.04.16 to 30.06.16
51-C	Drawl Amount	04-03-14					
	Interest Debit						
	Interest Credit		21,407,377	21,642,624	21,642,622	21,425,423	21,466,027
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		-	-	-	-	-
	Financial Charges		21,407,377	21,642,624	21,642,622	21,425,423	21,466,027
52	Drawl Amount	24-03-14	21,564	88,305	(1,961)	11,702	55,708
	Interest Debit						
	Interest Credit		85,458,448	86,397,552	86,397,552	85,479,031	85,692,581
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		-	-	-	-	-
	Financial Charges		85,458,448	86,397,552	86,397,552	85,479,031	85,692,581
54	Drawl Amount	25-03-15	25,142	324,824	(7,352)	42,929	172,129
	Interest Debit						
	Interest Credit		54,650,323	84,970,677	104,997,640	103,878,248	104,140,899
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		-	-	-	-	-
	Financial Charges		54,650,323	84,970,677	104,997,640	103,878,248	104,140,899
58	Drawl Amount	31-12-15	379,454	665,416	108,497	(163,496)	651,978
	Interest Debit						
	Interest Credit		-	-	1,350,000,000	301,721	27,456,639
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		-	-	-	-	-
	Financial Charges				301,721	27,456,639	27,456,639
61	Drawl Amount	27-05-16			1,202,937	777	72,165
	Interest Debit						
	Interest Credit		-	-	-	-	500,000,000
	Adjustment Amount		-	-	-	-	2,120,934
	Net Interest Charges		-	-	-	-	-
	Financial Charges						-
62	Drawl Amount	23-08-16					2,120,934
	Interest Debit						72,635
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		-	-	-	-	-
	Financial Charges						-
63	Drawl Amount	16-09-16					
	Interest Debit						
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		-	-	-	-	-
	Financial Charges						-
	Drawl Amount						
	Interest Debit						
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		-	-	-	-	-
	Financial Charges						-

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Series	Description	Date of Drawal	2015-2016				
			01.04.15 to 30.06.15	01.07.15 to 30.09.15	01.10.15 to 31.12.15	01.01.16 to 31.03.16	01.04.16 to 30.06.16
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges						
	Financial Charges						
64	Drawl Amount	07-11-16					
	Interest Debit		-	-	-	-	-
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges						
	Financial Charges						
65	Drawl Amount	24-11-16					
	Interest Debit		-	-	-	-	-
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges						
	Financial Charges						
66	Drawl Amount	14-12-16					
	Interest Debit		-	-	-	-	-
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges						
	Financial Charges						
69	Drawl Amount	17-07-19					
	Interest Debit		-	-	-	-	-
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges						
	Financial Charges						

	TOTAL BONDS		-	-	1,350,000,000	-	500,000,000
	TOTAL INT CHGS		161,516,148	193,010,853	213,339,536	238,239,342	240,877,080
	TOTAL FIN CHGS		426,160	1,078,545	1,302,121	(108,088)	1,024,614

*Issue costs have been considered in finance charges on the b

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FORM - 14 (Quarterly)

Draw-down Schedule for

Name of the Company
Name of the Power Station

NTPC LIMITED
Darlipalli STPS Stage-I

Series	Description	Date of Drawal	2016-2017			2017	
			01.07.16 to 30.09.16	01.10.16 to 31.12.16	01.01.17 to 31.01.17	01.04.17 to 30.06.17	01.07.17 to 30.09.17
51-C	Drawl Amount	04-03-14					
	Interest Debit		21,701,918	21,701,918	21,230,137	21,466,027	21,701,918
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		21,701,918	21,701,918	21,230,137	21,466,027	21,701,918
	Financial Charges		48,002	(4,696)	109	17,783	-
52	Drawl Amount	24-03-14					
	Interest Debit		86,634,258	86,634,258	84,750,904	85,692,581	86,634,257
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		86,634,258	86,634,258	84,750,904	85,692,581	86,634,257
	Financial Charges		176,513	(17,431)	268	39,827	-
54	Drawl Amount	25-03-15					
	Interest Debit		105,285,304	105,285,304	102,996,493	104,140,899	105,285,304
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		105,285,304	105,285,304	102,996,493	104,140,899	105,285,304
	Financial Charges		242,669	(16,919)	40,836	610,212	-
58	Drawl Amount	31-12-15					
	Interest Debit		27,758,361	27,759,187	27,229,315	27,531,863	27,834,411
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		27,758,361	27,759,187	27,229,315	27,531,863	27,834,411
	Financial Charges		64,979	(6,164)	323	15,916	-
61	Drawl Amount	27-05-16					
	Interest Debit		10,208,220	10,208,219	9,986,301	10,097,261	10,208,219
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		10,208,220	10,208,219	9,986,301	10,097,261	10,208,219
	Financial Charges		21,235	(2,002)	7,027	4,581	-
62	Drawl Amount	23-08-16	540,000,000				
	Interest Debit		4,373,556	10,317,107	10,092,822	10,204,964	10,317,107
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		4,373,556	10,317,107	10,092,822	10,204,964	10,317,107
	Financial Charges		197,488	(72)	49	2,391	-
63	Drawl Amount	16-09-16	1,010,000,000				
	Interest Debit		3,100,562	19,016,778	18,603,369	18,810,073	19,016,779

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Series	Description	Date of Drawal	2016-2017			2017	
			01.07.16 to 30.09.16	01.10.16 to 31.12.16	01.01.17 to 31.01.17	01.04.17 to 30.06.17	01.07.17 to 30.09.17
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		3,100,562	19,016,778	18,603,369	18,810,073	19,016,779
	Financial Charges		427,150	(1,396)	110	5,312	-
64	Drawl Amount	07-11-16		750,000,000			
	Interest Debit		-	8,464,726	13,851,370	14,005,274	14,159,178
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		-	8,464,726	13,851,370	14,005,274	14,159,178
	Financial Charges		-	295,787	262	3,960	-
65	Drawl Amount	24-11-16		1,000,000,000			
	Interest Debit		-	6,996,164	16,569,863	16,753,973	16,938,082
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		-	6,996,164	16,569,863	16,753,973	16,938,082
	Financial Charges		-	390,832	349	5,577	-
66	Drawl Amount	14-12-16		3,640,000,000			
	Interest Debit		-	4,484,400	61,302,651	66,883,255	67,618,235
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		-	4,484,400	61,302,651	66,883,255	67,618,235
	Financial Charges		-	269,114	54,900	3,720	-
69	Drawl Amount	17-07-19					
	Interest Debit		-	-	-	-	-
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		-	-	-	-	-
	Financial Charges		-	-	-	-	-

	TOTAL BONDS		1,550,000,000	5,390,000,000	-	-	-
	TOTAL INT CHGS		259,062,177	300,868,061	366,613,225	375,586,170	379,713,490
	TOTAL FIN CHGS		1,178,035	907,053	104,233	709,279	-

*Issue costs have been considered in finance charges on the b

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Draw-down Schedule for

Name of the Company
Name of the Power StationNTPC LIMITED
Darlipalli STPS Stage-I

Series	Description	Date of Drawal	2018		2018-2019		
			01.10.17 to 31.12.17	01.01.18 to 31.03.18	01.04.18 to 30.06.18	01.07.18 to 30.09.18	01.10.18 to 31.12.18
51-C	Drawl Amount	04-03-14					
	Interest Debit		21,701,918	21,230,137	21,466,027	21,701,918	21,701,918
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		21,701,918	21,230,137	21,466,027	21,701,918	21,701,918
	Financial Charges		-	74,110	16,656	40,634	29,640
52	Drawl Amount	24-03-14					
	Interest Debit		86,634,258	84,750,904	85,692,581	86,634,258	86,634,258
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		86,634,258	84,750,904	85,692,581	86,634,258	86,634,258
	Financial Charges		-	272,316	39,847	149,444	108,934
54	Drawl Amount	25-03-15					
	Interest Debit		105,285,304	102,996,493	104,140,899	105,285,304	105,285,304
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		105,285,304	102,996,493	104,140,899	105,285,304	105,285,304
	Financial Charges		-	378,281	339,926	488,523	150,531
58	Drawl Amount	31-12-15					
	Interest Debit		27,834,411	27,229,315	27,531,863	27,834,411	27,834,411
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		27,834,411	27,229,315	27,531,863	27,834,411	27,834,411
	Financial Charges		-	100,590	16,170	55,074	40,169
61	Drawl Amount	27-05-16					
	Interest Debit		10,208,219	9,986,301	10,097,260	10,208,219	10,208,219
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		10,208,219	9,986,301	10,097,260	10,208,219	10,208,219
	Financial Charges		-	36,990	4,506	20,331	14,798
62	Drawl Amount	23-08-16					
	Interest Debit		10,317,107	10,092,822	10,204,964	10,317,107	10,317,107
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		10,317,107	10,092,822	10,204,964	10,317,107	10,317,107
	Financial Charges		-	39,987	2,425	21,942	15,993
63	Drawl Amount	16-09-16					
	Interest Debit		19,016,778	18,603,370	18,810,074	19,016,778	19,016,778

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Series	Description	Date of Drawal	2018		2018-2019		
			01.10.17 to 31.12.17	01.01.18 to 31.03.18	01.04.18 to 30.06.18	01.07.18 to 30.09.18	01.10.18 to 31.12.18
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		19,016,778	18,603,370	18,810,074	19,016,778	19,016,778
	Financial Charges		-	74,846	5,417	41,033	29,928
64	Drawl Amount	07-11-16					
	Interest Debit		14,159,178	13,851,370	14,005,274	14,159,178	14,159,178
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		14,159,178	13,851,370	14,005,274	14,159,178	14,159,178
	Financial Charges		-	55,568	3,850	30,511	22,221
65	Drawl Amount	24-11-16					
	Interest Debit		16,938,082	16,569,863	16,753,973	16,938,082	16,938,082
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		16,938,082	16,569,863	16,753,973	16,938,082	16,938,082
	Financial Charges		-	74,090	5,133	40,654	29,628
66	Drawl Amount	14-12-16					
	Interest Debit		67,618,236	66,148,274	66,883,255	67,618,236	67,618,236
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		67,618,236	66,148,274	66,883,255	67,618,236	67,618,236
	Financial Charges		-	268,744	3,335	147,674	107,563
69	Drawl Amount	17-07-19					
	Interest Debit		-	-	-	-	-
	Interest Credit		-	-	-	-	-
	Adjustment Amount		-	-	-	-	-
	Net Interest Charges		-	-	-	-	-
	Financial Charges		-	-	-	-	-
	TOTAL BONDS		-	-	-	-	-
	TOTAL INT CHGS		379,713,491	371,458,849	375,586,170	379,713,490	379,713,491
	TOTAL FIN CHGS		-	1,375,522	437,265	1,035,820	549,405

*Issue costs have been considered in finance charges on the b

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FORM - 14 (Quarterly)

Draw-down Schedule for

Name of the Company
Name of the Power StationNTPC LIMITED
Darlipalli STPS Stage-I

(Amount in Rs.)

Series	Description	Date of Drawal	2019-20			
			01.01.19 to 31.03.19	01.04.19 to 30.06.19	01.07.19 to 30.09.19	01.10.19 to 31.12.19
51-C	Drawl Amount	04-03-14				
	Interest Debit		21,230,137	21,466,027	21,701,918	21,701,918
	Interest Credit		-	-	-	-
	Adjustment Amount		-	-	-	-
	Net Interest Charges		21,230,137	21,466,027	21,701,918	21,701,918
	Financial Charges		49	32,525	26,242	9,662
52	Drawl Amount	24-03-14				
	Interest Debit		84,732,894	85,458,448	86,397,552	86,397,552
	Interest Credit		-	-	-	-
	Adjustment Amount		-	-	-	-
	Net Interest Charges		84,732,894	85,458,448	86,397,552	86,397,552
	Financial Charges		232	120,150	97,024	36,251
54	Drawl Amount	25-03-15				
	Interest Debit		102,996,493	104,140,899	105,285,304	105,285,304
	Interest Credit		-	-	-	-
	Adjustment Amount		-	-	-	-
	Net Interest Charges		102,996,493	104,140,899	105,285,304	105,285,304
	Financial Charges		37,659	633,905	133,452	48,382
58	Drawl Amount	31-12-15				
	Interest Debit		27,229,315	27,531,863	27,834,411	27,834,411
	Interest Credit		-	-	-	-
	Adjustment Amount		-	-	-	-
	Net Interest Charges		27,229,315	27,531,863	27,834,411	27,834,411
	Financial Charges		281	44,224	36,801	12,158
61	Drawl Amount	27-05-16				
	Interest Debit		9,986,301	10,097,260	10,208,219	10,208,219
	Interest Credit		-	-	-	-
	Adjustment Amount		-	-	-	-
	Net Interest Charges		9,986,301	10,097,260	10,208,219	10,208,219
	Financial Charges		29	20,709	13,105	4,422
62	Drawl Amount	23-08-16				
	Interest Debit		10,092,822	10,204,964	10,317,074	10,317,139
	Interest Credit		-	-	-	-
	Adjustment Amount		-	-	-	-
	Net Interest Charges		10,092,822	10,204,964	10,317,074	10,317,139
	Financial Charges		42	17,458	14,228	4,787
63	Drawl Amount	16-09-16				
	Interest Debit		18,603,370	18,810,074	19,016,778	19,016,778

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Series	Description	Date of Drawal	2019-20			
			01.01.19 to 31.03.19	01.04.19 to 30.06.19	01.07.19 to 30.09.19	01.10.19 to 31.12.19
	Interest Credit		-	-	-	-
	Adjustment Amount		-	-	-	-
	Net Interest Charges		18,603,370	18,810,074	19,016,778	19,016,778
	Financial Charges		95	32,677	26,719	8,952
64	Drawl Amount	07-11-16				
	Interest Debit		13,851,370	14,005,274	14,159,178	14,159,178
	Interest Credit		-	-	-	-
	Adjustment Amount		-	-	-	-
	Net Interest Charges		13,851,370	14,005,274	14,159,178	14,159,178
	Financial Charges		67	24,301	19,820	6,473
65	Drawl Amount	24-11-16				
	Interest Debit		16,569,863	16,753,973	16,938,082	16,938,083
	Interest Credit		-	-	-	-
	Adjustment Amount		-	-	-	-
	Net Interest Charges		16,569,863	16,753,973	16,938,082	16,938,083
	Financial Charges		89	32,379	26,427	8,631
66	Drawl Amount	14-12-16				
	Interest Debit		66,148,274	66,883,255	67,618,236	67,618,236
	Interest Credit		-	-	-	-
	Adjustment Amount		-	-	-	-
	Net Interest Charges		66,148,274	66,883,255	67,618,236	67,618,236
	Financial Charges		58	116,970	94,325	32,024
69	Drawl Amount	17-07-19			4,000,000,000	
	Interest Debit		-	-	8,529,051	77,835,103
	Interest Credit		-	-	-	-
	Adjustment Amount		-	-	-	-
	Net Interest Charges		-	-	8,529,051	77,835,103
	Financial Charges				257,416	74,697

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	TOTAL BONDS		-	-	4,000,000,000	-
	TOTAL INT CHGS		371,440,839	375,352,037	388,005,803	457,311,921
	TOTAL FIN CHGS		38,601	1,075,298	745,560	246,439
						22,390,000,000
						6,654,790,111
						17,962,145

*Issue costs have been considered in finance charges on the b
 TOTAL BONDS
 TOTAL INT CHGS
 TOTAL FIN CHGS

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Bond Issue Expenses for the loan drawn after 01.04.2015

(Rs Lakhs)

As per Form 14

Loan	2015-16	2016-17	2017-18	2018-19	2019-20 (Upto- 31.12.2019)
Foreign Currency Loan					
Mizuho II A	2.15				
Mizuho II B	98.17				
4.25% Eurobonds 2026	522.30				
2.75% Eurobonds 2027		362.14			
7.25% Masala Bonds 2022			100.24		
JPY Equ. 350Million A			791.12		
JPY Equ. 350Million B			265.70		
4.50 % Euro Bonds 2028			242.70		
JPY Equ. 300Million A				198.54	
JPY Equ. 300Million B				367.42	
3.75% Euro Bonds 2024 II					59.50
Domestic Bonds					
58	11.52				
61A	0.17				
61B	0.17				
61C	0.17				
62	1.73				
63	3.86				
64	2.71				
65	3.61				
66	2.34				
69	2.34				
Total	651.22	362.14	1399.76	565.96	59.50
Total	3038.59				
Finance Charges capitalized through amortization as IDC					
2015-16	2.10				
2016-17	44.69				
2017-18	123.21				
2018-19	249.27				
2019-20(Upto 31.12.2019)	240.07				
Total	659.35				
Net Value to be claimed	2,379.24				

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Details/Information to be Submitted in respect of Fuel for Computation of Energy Charges I

Name of the Petitioner		NTPC Ltd.									
Name of the Generating Station		Darlipalli STPS Stage-I (2x800 MW)									
SL.NO	PARTICULARS	Unit	Nov-19			Dec-19			Jan '20		
			Domestic Coal		Imported Coal	Domestic Coal		Imported Coal	Domestic Coal		Imported Coal
			Supplied by MGR	Supplied by Road		Supplied by MGR	Supplied by Road		Supplied by MGR	Supplied by Road	
A OPENING QUANTITY											
1	Opening Quantity of Coal	(MT)	0.00	398,853	0	0	398,853	0	0	289,375	0
2	Value of Stock	Rs.	0.00	636,079,197	0	0	636,079,197	0	0	459,603,370	0
B QUANTITY											
3	Quantity of Coal/Lignite supplied by Coal / Lignite	(MT)	0.00	0	0	0	19,090	0	16,823	121,117	0
4	Adjustment (+/-) in quantity supplied made by Coal /	(MT)	0.00	0	0	0	0	0	0	0	0
5	Coal supplied by Coal / Lignite Company(3+/-4)	(MT)	0.00	0	0	0	19,090	0	16,823	121,117	0
6	Normative Transit & Handling Losses (for Coal / Lignite	(MT)	0.00	0	0	0	38	0	34	242	0
7	Net Coal / Lignite supplied (5-6)	(MT)	0.00	0	0	0	19,051	0	16,789	120,875	0
C PRICE											
8	Amount charged by the Coal / Lignite Company	(Rs.)	0.00	0	0	0	23,844,915	0	21,013,610	1,51,288,284	0
9	Adjustment (+/-) in amount charged by Coal / Lignite Company	(Rs.)	0.00	0	0	0	0	0	0	0	0
10	Handling Sampling and such other similar Charges	(Rs.)	0.00	0	0	0	0	0	219,000	0	0
11	Total amount charged (8+9+10)	(Rs.)	0.00	0	0	0	23,844,915	0	21,232,610	1,51,288,284	0
D TRANSPORTATION											
12	Transportation charges by Rail/Ship/Road Transport	(Rs.)									
	By Rail	(Rs.)	0	0	0	0	0	0	0	0	0
	By Road	(Rs.)	0	0	0	0	5,396,260	0	0	38,515,067	0
13	Adjustment (+/-) in amount charged by Railways /	(Rs.)	0	0	0	0	0	0	0	0	0
14	Demurrage charges, if any	(Rs.)	0	0	0	0	0	0	0	0	0
15	Cost of diesel in transporting coal through MGR system, if	(Rs.)	0	0	0	0	0	0	178,640	0	0
16	Total Transportation Charges (12+/-13 - 14 + 15)	(Rs.)	0	0	0	0	5,396,260	0	178,640	38,515,067	0
17	Total amount charged for coal / Lignite supplied including transportation (11 +16)	(Rs.)	0	0	0	0	29,241,174	0	21,411,250	1,89,803,351	0
E TOTAL COST											
18	Landed Cost of Coal/Lignite. (2+17)/(1+7)	(Rs./MT)	0.00	1,595	0	0	1,592	0	1,275	1,583	0
19	Blending Ratio (Domestic/Imported)			100			100			100	
20	Weighted Average Cost of Coal or Lignite	(Rs./MT)		1,595			1,592			1,571	
F QUALITY											
21	GCV of Domestic Coal of the Opening Coal Stock as per Bill of Coal Company	(Kcal / Kg)									
22	GCV of Domestic Coal Supplied as per Bill of Coal Company	(Kcal / Kg)									
23	GCV of Imported Coal of the Opening Stock as per Bill of Coal Company	(Kcal / Kg)									
24	GCV of Imported Coal Supplied as per Bill of Coal Company	(Kcal / Kg)									
25	Weighted average GCV of coal/ Lignite as Billed	(Kcal / Kg)									
26	GCV of Domestic Coal of the Opening Stock as Received at Station	(Kcal / Kg)									
27	GCV of Domestic Coal Supplied as Received at Station	(Kcal / Kg)		3,047			3,047		2,950		
28	GCV of Imported Coal of the Opening Stock as Received at Station	(Kcal / Kg)									
29	GCV of Imported Coal Supplied as Received at Station	(Kcal / Kg)									
30	Weighted average GCV of coal/ Lignite as Received	(Kcal / Kg)		3,047			3,047		2,950		

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**PART-I
FORM- 15**

Details/Information to be Submitted in respect of Fuel for Computation of Energy Charges I

Name of the Petitioner **NTPC Ltd.**
Name of the Generating Station **Darlipalli STPS Stage-I (2x800 MW)**

Month		Nov-19	Dec-19	Jan-20	
S.No.	Particulars	Unit	LDO	LDO	
1	Opening Stock of Oil	KL	375.579	399.236	339.833
2	Value of Opening Stock	Rs.	19774754	21636694	15620702
3	Quantity of Oil supplied by Oil Company	KL	8439.657	5800.597	1589.825
4	Adjustment (+/-) in quantity supplied by Oil Company	KL	0.000	0.000	0.000
5	Qty. of Oil supplied by Oil Company (3+4)	KL	8439.657	5800.597	1589.825
6	Normative Transit & Handling Losses	KL	0	0	0
7	Net Oil Supplied (5 - 6)	KL	8439.657	5800.597	1589.825
8	Amount charged by the Oil Company	Rs.	453829633	297223246	82019462
9	Adjustment (+/-) in amount charged by Oil Company	Rs.	0	0	0
10	Total amount charged (8+9)	Rs.	453829633	297223246	82019462
11	Transportation charges by rail/ship/road transport	Rs.			
12	Adjustment (+/-) in amount charged by Railways/Transport Company.	Rs.			
13	Demurrage charges, if any	Rs.			
14	Total Transportation Charges (11+/- 12 - 13)	Rs.	0	0	0
15	Others	Rs.	0	0	0
16	Total amount charged for Oil supplied including Transportation (10+14+15)	Rs.	453829633	297223246	82019462
17	Weighted average GCV of Oil	Kcal/Ltr			
18	Quantity of Oil at the station for the month(1+7)	KL	8815.236	6199.833	1929.658
19	Total amount charged for Oil (2 + 16)	Rs.	473604386	318859940	97640164
20	Landed cost of Oil (19/18)	Rs./ KL	53725.66	51430.41	50599.73
21	Quantity of Oil consumed	KL	8416.000	5860.000	1112.000
22	Value of Oil consumed (20*21)	Rs.	451967692	303239238	57230171
23	Closing Stock of Oil (18 - 21)	KL	399.236	339.833	817.658
24	Value of closing stock (19 - 22)	Rs.	21636694	15620702	40409993

Name of the Petitioner **NTPC Ltd.**
Name of the Generating Station **Darlipalli STPS (2x800 MW)**

Month		Nov-19	Dec-19	Jan-20	
S.No.	Particulars	Unit	LDO	LDO	
1	Landed cost of Oil as at Sl.No. 20	Rs./KL	53725.66	51430.41	50599.73
2	Usage Quantity for the Month	KL	8416.000	5860.000	1112.000
3	Weighted average rate	Rs./KL	53725.66	51430.41	50599.73
4	Weighted average GCV of Oil	Kcal/KL	10748	10754	10800

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Petitioner

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Details of Capital Spares

Name of the Petitioner: **NTPC Limited**
 Name of the Generating Station: **Darlipalli STPS Stage-1 (2x800 MW)**

S. No.	Details of Capital Spares and Expenses		Claimed as a part of additional Capitalisation	Funded through compensatory allowance	Funded through Special allowance (If Applicable)	Claimed as a part of stores and spares
	Name of spare	Amount in Rs. Lakh				
1			Shall be provided at actual COD of U#1/truing up exercise			
2						
3						
4						
5						
6						
7						
8						

(Petitioner)

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Non-Tariff Income							PART 1 FORM- 18		
Name of the Petitioner: NTPC Limited									
Name of the Generating Station: Darlipalli STPS Stage-I (2x800 MW)									
S. No.	Parameters	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24		
1.	Income from rent of land or buildings	NA	Shall be provided at actual COD of U#1/truing up exercise						
2.	Income from sale of scrap	NA							
3.	Income from advertisements	NA							
Note: To be submitted at the time of truing up									
								(Petitioner)	

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Details of Water Charges

Name of the Petitioner: NTPC Limited
Name of the Generating Station: Darlipalli STPS Stage-I (2x800 MW)

S. No.	Details of Water charges (excluding water cess)		Quantity allocated*	Normative consumption at 85% PLF	Rate specified (as per govt. notification or agreement)	Spillage of water (in percentage)	Amount Claimed (Rs.Lakhs)
	Name of source and quantity	Amount	Unit#1&2				
1	Hirakud Reservoir		55 Cusec	55 cusec	Rs 7.28/Cubic meter		3575.55
2							
Note: All these details are provisional subject to revision							
							(Petitioner)

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Details of Statutory Charges

Name of the Petitioner: NTPC Limited
Name of the Generating Station: Darlipalli STPS Stage-I (2x800 MW)

Particulars	Unit Rate	No of Units	Amount Claimed
Electricity Duty	Shall be submitted on actual COD of U#1/truing up exercise.		
Water Cess			
...			
...			
...			

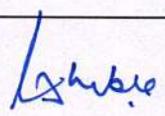
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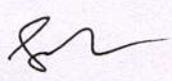
(Petitioner)

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Abstract of Capital Cost Estimates and Schedule of Commissioning for the New Projects

Name of the Petitioner	NTPC Limited	
Name of the Generating Station	Darlipalli Super Thermal Power Project Stage-I	
Board of Director/ Agency approving the Capital cost estimates:	NTPC Board of Directors	
Date of approval of the Capital cost estimates:	16-Jan-2014	
	Present Day Cost	Completed Cost
Price level of approved estimates	As on end of IV Qtr. of the year 2013	As on Scheduled COD of the Station
Foreign Exchange rate considered for the Capital cost estimates:		
<u>Capital Cost excluding IDC & FC</u>		
Foreign Component, if any (In Million US \$ or the relevant Currency)		
Domestic Component (Rs. Crs)		
Capital cost excluding IDC, FC, FERV & Hedging Cost (Rs. Cr)	10335.92	11403.13
<u>IDC, FC, FERV & Hedging Cost</u>		
Foreign Component, if any (In Million US \$ or the relevant Currency)		
Domestic Component (Rs. Crs)		
Total IDC, FC, FERV & Hedging Cost (Rs.)	2196.52	2337.4
Rate of taxes & duties considered		
<u>Capital cost Including IDC, FC, FERV & Hedging Cost (excluding WCM)</u>		
Foreign Component, if any (In Million US \$ or the relevant Currency)		
Domestic Component (Rs. Crs)		
Capital cost Including IDC & FC (Rs. Crs)	12532.44	13740.53
<u>Schedule of Commissioning</u>		
Scheduled COD of Unit-I as per Investment Approval	18-06-18	
Scheduled COD of Unit-II as per Investment Approval	18-12-18	
Note:	 (Petitioner)	



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Name of the Petitioner **NTPC Limited**
 Name of the Generating Station **Darlipalli Super Thermal Power Project Stage-I**

Break-up of Capital Cost for New Coal/Lignite based projects

Sl. No. (1)	Break Down (2)	As per Original Estimates as per Investment Approval (For 3 Units)	Actual Capital Expenditure as on anticipated COD for Unit#1 01.03.2020 (Cash Basis)	Liabilities/ Provisions Unit#1 (Not included in col 4)	Actual Capital Expenditure as on anticipated COD for Unit#1 01.03.2020 (Gross Block)	Actual Capital Expenditure as on COD/anticipated COD Unit#2 30.09.2020 Actual Amount (Cash Basis)	Liabilities/ Provisions Unit#2 (Not included in col 6)	Actual Capital Expenditure as on COD/anticipated COD Unit#2 30.09.2020 Actual Amount (Gross Block)	Variation	Specific Reasons for Variation (10)	Estimated Capital expenditure upto Cut-off date
1	2	3	4	5	6	7	8	9	10=3-9	11	12
1	Cost of Land & Site Development										
1.1	Land										
1.2	Rehabilitation & Resettlement (R&R) Incl 1.1	104,379.00	62,479.74	911.00	63,390.74	107,691.74	6,200.00	113,891.74	(9,512.74)	Shall be provided on Actual CoD of Station	
1.3	Preliminary Investigation, Site levelling & Development, Enabling works	22,706.00	9,324.27	894.04	10,218.30	11,726.45	1,160.94	12,887.40	9,818.60		
	Total Land & Site Development	127,085.00	71,804.01	1,805.04	73,609.04	119,418.19	7,360.94	126,779.14	305.86		
2	Plant & Equipment										
2.1	Steam Generator (SG) Island (Incl. ESP)	358,738.00	170,873.59	18,985.95	189,859.55	317,762.22	35,306.91	353,069.13	5,668.87	Shall be provided on Actual CoD of Station	
2.2	Turbine Generator Island	126,504.00	60,416.10	6,712.90	67,129.00	110,703.92	12,300.44	123,004.36	3,499.64		
2.3	BOP Mechanical										
2.3.1	External water supply system		13,457.80	1,495.31	14,953.11	14,146.91	1,414.98	15,561.89	-		
2.3.2	CW system (Incl. WPT & MUW Pipes supply)	56,867.00	1,470.64	163.40	1,634.04	2,297.61	255.29	2,552.90	38,752.21		
2.3.3	DM water Plant	7,377.00	4,482.47	498.05	4,980.52	5,097.22	566.36	5,663.57	1,713.43		
2.3.4	Clarification plant	Included in 2.3.3									
2.3.5	Chlorination Plant	Included in 2.3.3									
2.3.6	Fuel Handling & Storage system	Included in 2.1									
2.3.7	Ash Handling System	17,582.00	11,657.35	1,295.26	12,952.61	15,163.53	1,684.84	16,848.36	733.64		
2.3.8	Coal Handling Plant	37,160.00	25,791.76	2,865.75	28,657.51	35,355.79	3,928.42	39,284.22	(2,124.22)		
2.3.9	Rolling Stock and Locomotives	15,254.00	13,630.37	681.52	14,311.89	13,630.37	681.52	14,311.89	942.11		
2.3.10	MGR	75,741.00	32,373	375.94	32,749.04	41,636	922.13	42,557.85	33,183.15		
2.3.11	Air Compressor System	(Incl. in 2.1)									
2.3.12	Air Condition & Ventilation System	3,410.00	1,263.14	140.35	1,403.49	1,720.51	191.17	1,911.67	1,498.33		
2.3.13	Fire fighting System	3,510.00	1,979.38	219.93	2,199.31	2,520.51	280.06	2,800.56	709.44		
2.3.14	HP/ LP Piping	3,421.00	1,832.23	203.58	2,035.81	2,066.03	229.56	2,295.59	1,125.41		
	Total BOP Mechanical	705,564.00	339,227.92	33,637.95	372,865.88	562,100.32	57,761.66	619,861.98	85,702.02		
2.4	BOP Electrical										
2.4.1	Switch Yard Package (Incl ICT)	17,070.00	15,152.45	1,683.61	16,836.05	16,668.76	1,852.08	18,520.85	(1,450.85)	Shall be provided on Actual CoD of Station	
2.4.2	Transformer Package	27,229.00	9,002.75	1,000.31	10,003.06	14,044.89	1,560.54	15,605.43	11,623.57		
2.4.3	Switch gear Package (Inc. HT & LT)	5,352.00	3,014.01	334.89	3,348.90	4,839.08	537.68	5,376.75	(24.75)		
2.4.4	Cables, Cable facilities & grounding	14,623.00	7,325.27	691.70	8,016.97	10,606.68	990.72	11,597.39	3,025.61		
2.4.5	Lighting	Included in 2.4.4									
2.4.6	Emergency D.G. set	Included in 2.4.4									
	Total BOP Electrical	64,274.00	34,494.48	3,710.50	38,204.98	46,159.40	4,941.02	51,100.43	13,173.57		
2.5	Control & Instrumentation(C & I) Package	5,809.00	2,754.22	306.02	3,060.24	4,505.31	500.59	5,005.90	803.10		
	Total Plant & Equipment including taxes & Duties	775,647.00	376,476.62	37,654.48	414,131.09	612,765.04	63,203.27	675,968.31	99,678.69		
2.6	Taxes & Duties	Included in respective packages									

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Exhibit

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Sl. No. (1)	Break Down (2)	As per Original Estimates as per Investment Approval (For 3 Units)	Actual Capital Expenditure as on anticipated COD for Unit#1 01.03.2020 (Cash Basis)	Liabilities/Provisions Unit#1 (Not included in col 4)	Actual Capital Expenditure as on anticipated COD for Unit#1 01.03.2020 (Gross Block)	Actual Capital Expenditure as on COD/anticipated COD Unit#2 30.09.2020 Actual Amount (Cash Basis)	Liabilities/Provisions Unit#2 (Not included in col 6)	Actual Capital Expenditure as on COD/anticipated COD Unit#2 30.09.2020 Actual Amount (Gross Block)	Variation	Specific Reasons for Variation (10)	Estimated Capital expenditure upto Cut-off date
3	Initial Spares Included with Plant & machinery packages	Included in respective packages									
4	Civil Works										
4.1	Main Plant/Adm. Building	93,496.00	38,297.01	3,997.02	42,294.04	55,003.05	5,797.69	60,800.74	32,695.26	Shall be provided on Actual CoD of Station	
4.2	CW system	Included in 2.3.2	6,846.97	760.77	7,607.75	8,635.73	959.53	9,595.25			
4.3	Cooling Towers	13,097.00	5,400.98	600.11	6,001.09	11,039.00	1,226.56	12,265.56	831.44		
4.4	DM water Plant	Included in 2.3.3	-	-	-	-	-	-	-		
4.5	Clarification plant	Included in 2.3.3	-	-	-	-	-	-	-		
4.6	Chlorination plant	Included in 2.3.3	-	-	-	-	-	-	-		
4.7	Fuel handling & Storage system	Included in 4.1	-	-	-	-	-	-	-		
4.8	Coal Handling Plant	Included in 2.3.8	-	-	-	-	-	-	-		
4.9	MGR & Marshalling Yard	Included in 2.3.10	-	-	-	-	-	-	-		
4.10	Ash Handling System	Included in 4.1	-	-	-	-	-	-	-		
4.11	Ash disposal area development (Ash Dyke)	11,217.00	5,583.89	620.43	6,204.32	6,577.47	730.83	7,308.31	3,908.70		
4.12	Fire fighting System	Included in 4.1	-	-	-	-	-	-	-		
4.13	Township & Colony	24,984.00	18,156.50	2,028.50	20,185.00	24,427.13	2,725.24	27,152.36	(2,168.36)		
4.14	Temp. construction & enabling works	4,815.00	5,248.06	605.34	5,853.40	5,748.06	705.34	6,453.40	(1,638.40)		
4.15	Road & Drainage	Included in 4.1	-	-	-	-	-	-	-		
	Total Civil works	147,609.00	79,533.41	8,612.18	88,145.58	111,430.43	12,145.18	123,575.61	33,628.64		
5	Construction Power & Pre-Commissioning Expenses										
5.1	Erection Testing and commissioning	5657.00	2395.73	0.00	2395.73	35435.73	0.00	35,435.73	(29,778.73)	Shall be provided on Actual CoD of Station	
5.2	Site supervision	Included in 5.1	-	-	-	-	-	-	-		
5.3	Operator's Training	Included in 5.1	-	-	-	-	-	-	-		
5.4	Construction insurance	Included in 5.1	-	-	-	-	-	-	-		
5.5	Tools & Plant	2626.00	970.21	94.00	1064.21	1480.00	156.00	1,636.00	990.00		
5.6	Start up fuel	Included in 5.1	-	-	-	-	-	-	-		
	Total Construction & Pre-Commissioning Expenses	8,283.00	24,905.94	94.00	24,999.94	36,915.73	156.00	37,071.73	(28,788.73)		
6	Overheads										
6.1	Establishment	61218.00	59203.64	0.00	59203.64	66203.64	0.00	66203.64	4,985.64	Shall be provided on Actual CoD of Station	
6.2	Design & Engineering	Included in 6.1	-	-	-	-	-	-	-		
6.3	Audit & Accounts	Included in 6.1	-	-	-	-	-	-	-		
6.4	Contingency	Included in 6.1	-	-	-	-	-	-	-		
	Total Overheads	61,218.00	59,203.64	-	59,203.64	66,203.64	-	66,203.64	4,985.64		
7	Total Capital Cost excluding IDC & FC	1,119,842.00	611,923.61	48,165.69	660,089.30	946,733.03	82,865.40	1,029,598.43	109,810.10		

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Sl. No. (1)	Break Down (2)	As per Original Estimates as per Investment Approval (For 3 Units)	Actual Capital Expenditure as on anticipated COD for Unit#1 01.03.2020 (Cash Basis)	Liabilities/ Provisions Unit#1 (Not included in col 4)	Actual Capital Expenditure as on anticipated COD for Unit#1 01.03.2020 (Gross Block)	Actual Capital Expenditure as on COD/anticipated COD Unit#2 30.09.2020 Actual Amount (Cash Basis)	Liabilities/ Provisions Unit#2 (Not included in col 6)	Actual Capital Expenditure as on COD/anticipated COD Unit#2 30.09.2020 Actual Amount (Gross Block)	Variation	Specific Reasons for Variation (10)	Estimated Capital expenditure upto Cut-off date
8	IDC, FC, FERV, Hedging Cost & WCM										
8.1	Interest During Construction(IDC)	226,972.00	100,449.60	-	100,449.60	180,399.38	-	180,399.38	(46,572.62)	Shall be provided on Actual CoD of Station	
8.2	Financing Charges (FC)										
8.3	Foreign Exchange Rate Variation (FERV)	6,768.00	3,149.86	-	3,149.86	5,330.54	-	5,330.54	(6,768.00)		
8.4	Hedging Cost										
8.5	Working Capital Margin	20,471.00									
	Total of IDC, FC, FERV, Hedging Cost & WCM	254,211.00	103,599.46	-	103,599.46	185,729.92	-	185,729.92	(68,481.08)		
9	Capital cost including IDC, FC, FERV, Hedging Cost & WCM	1,374,053.00	715,523.07	48,165.69	763,688.76	1,132,462.95	82,865.40	1,215,328.35	41,329.02		

Petitioner

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Break-up of Construction/Supply/Service packages

Name of the Petitioner: NTPC LTD

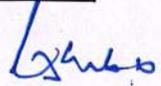
Name of the Generating Station: Darlipalli STPP (2x800 MW)

Part-I

Form-D

Rs. Lakhs

1	Name/No. of Construction / Supply / Service Package	Steam Turbine Generator Package	Induced Draft Cooling Towers Package	CW System Equipment Package	Electrostatic Precipitator Package	Water Treatment Plant Package	Generator Busducts & Associated Equipment, MV Busducts Package
2	Scope of works (in line with head of cost break-ups as applicable)	Supply and erection	Supply, erection & civil works	Supply and erection	Supply and erection	Supply, erection & civil works	Supply and erection
3	Whether awarded through ICB/DCB/ Departmentally/ Deposit Work	ICB	ICB	ICB	ICB	ICB	ICB
4	No. of bids received	4	5	2	4	9	3
5	Date of Award	17.02.2014	24.12.2014	30.10.2014	29.10.2014	20.02.2015	10.11.2014
6	Date of Start of work	17.02.2014	24.12.2014	30.10.2014	29.10.2014	20.02.2015	10.11.2014
7	Date of Completion of Work/Expected date of completion of work	Expected Completion - Dec'20	Expected Completion - Sep'20	Expected Completion - Dec'21	Expected Completion - Sep'20	Expected Completion - Sep'20	Expected Completion - Sep'20
8	Value of Award in (Rs. Lakh) (excl escalation)	112088	11745	2557	22000	5078	1199
9	Firm or With Escalation in prices	Price Adjustment available	Price Adjustment available	Price Adjustment available	Price Adjustment available	Price Adjustment available	Price Adjustment available
10	Actual capital expenditure till the completion or up to COD of Unit-II i.e 30.09.2020 whichever is earlier(Rs.Lakh) (Inclusive of Owner Issue Material)	110,703.92	11,039.00	2,297.61	20,807.66	5,097.22	1,192.09
11	Taxes & Duties and IEDC (Rs. Lakh)	6,708.44	767.98	195.45	2,847.37	370.58	71.94
12	IDC, FC, FERV & Hedging cost (Rs. Lakh)	18280.00	2154.53	548.32	7988.15	1039.64	201.83
13	Sub -total (10+11+12) (Rs. Lakh)	135,692.36	13,961.52	3,041.38	31,643.18	6,507.44	1,465.87



Petitioner

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Break-up of Construction/Supply/Service packages

Name of the Petitioner: NTPC LTD

Name of the Generating Station: Darlipalli STPP (2x800 MW)

Part-I
Form-D
Rs. Lakhs

1	Name/No. of Construction / Supply / Service Package	Make-Up Water Pipes Package	Railway Siding Package	MGR Package (Dulanga Mine-Darlipalli)	CW System & Make up Water System Civil Works Package	Ash Dyke Package	Main plant & Offsite Civil Works Package
2	Scope of works (in line with head of cost break-ups as applicable)	Supply and erection	Supply, erection & civil works	Supply, erection & civil works	civil works	civil works	civil works
3	Whether awarded through ICB/DCB/ Departmentally/ Deposit Work	ICB	DCB	DCB	DCB	DCB	DCB
4	No. of bids received	5	2	2	4	4	10
5	Date of Award	17.11.2014	05.02.2016	03.11.2014	18.11.2014	08.06.2015	12.08.2014
6	Date of Start of work	17.11.2014	05.02.2016	03.11.2014	18.11.2014	08.06.2015	12.08.2014
7	Date of Completion of Work/Expected date of completion of work	Expected Completion - Sep'20	Expected Completion - Mar'23	Expected Completion - Mar'21	Expected Completion - Dec'21	Expected Completion - Dec'20	Expected Completion - Mar'21
8	Value of Award in (Rs. Lakh) (excl escalation)	12911	48475		8107	9267	39528
9	Firm or With Escalation in prices	Price Adjustment available	Price Adjustment available		Price Adjustment available	Price Adjustment available	Price Adjustment available
10	Actual capital expenditure till the completion or up to COD of Unit-II i.e 30.09.2020 whichever is earlier(Rs.Lakh) (Inclusive of Owner Issue Material)	14,146.91		41,635.72	8,635.73	6,577.47	52,071.24
11	Taxes & Duties and IEDC (Rs. Lakh)	764.72		1,513.46	505.24	483.34	4,789.84
12	IDC, FC, FERV & Hedging cost (Rs. Lakh)	2145.38	4245.91		1417.41	1355.98	13437.63
13	Sub -total (10+11+12) (Rs. Lakh)	17,057.01		47,395.09	10,558.38	8,416.80	70,298.71

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Break-up of Construction/Supply/Service packages

Name of the Petitioner: NTPC LTD

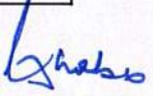
Name of the Generating Station: Darlipalli STPP (2x800 MW)

Part-I

Form-D

Rs. Lakhs

1	Name/No. of Construction / Supply / Service Package	Ash Handling System & Ash Water Recirculation Package	Air Conditioning & Ventilation System Packages	LT Switchgears & LT Bus Duct Package	MV Switchgear Package	Station Control & Instrumentation (C&I) and Instrumentation Cables Package	Switchyard Package
2	Scope of works (in line with head of cost break-ups as applicable)	Supply and erection	Supply and erection	Supply and erection	Supply and erection	Supply and erection	Supply, erection & civil works
3	Whether awarded through ICB/DCB/ Departmentally/ Deposit Work	ICB	ICB	ICB	ICB	ICB	ICB
4	No. of bids received	4	4	3	4	5	7
5	Date of Award	16.05.2016	12.08.2015	17.11.2014	23.09.2014	23.02.2015	30.10.2014
6	Date of Start of work	16.05.2016	12.08.2015	17.11.2014	23.09.2014	23.02.2015	30.10.2014
7	Date of Completion of Work/Expected date of completion of work	Expected Completion - Dec'21	Expected Completion - Dec'21	Expected Completion - Dec'20	Expected Completion - Sep'20	Expected Completion - Mar'21	Expected Completion - Dec'21
8	Value of Award in (Rs. Lakh) (excl escalation)	16295	2587	2823	2177	4575	17855
9	Firm or With Escalation in prices	Price Adjustment available	Price Adjustment available	Price Adjustment available	Price Adjustment available	Price Adjustment available	Price Adjustment available
10	Actual capital expenditure till the completion or up to COD of Unit-II i.e 30.09.2020 whichever is earlier(Rs.Lakh) (Inclusive of Owner Issue Material)	15,163.53	1,720.51	2,711.26	2,127.82	4,505.31	16,668.76
11	Taxes & Duties and IEDC (Rs. Lakh)	558.16	52.98	126.21	138.33	223.37	1,287.00
12	IDC, FC, FERV & Hedging cost (Rs. Lakh)	1565.87	148.64	354.08	388.07	626.65	3610.60
13	Sub -total (10+11+12) (Rs. Lakh)	17,287.56	1,922.13	3,191.55	2,654.22	5,355.33	21,566.36


Petitioner

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Break-up of Construction/Supply/Service packages

Name of the Petitioner: NTPC LTD

Name of the Generating Station: Darlipalli STPP (2x800 MW)

Part-I

Form-D

Rs. Lakhs

1	Name/No. of Construction / Supply / Service Package	Work of Site Leveling & Infrastructure Works Package	Steam Generator	Coal Handling System	765 KV class power transformers	EH & HV Transformers Package	Electrical Eqpt Supply & Erection Package
2	Scope of works (in line with head of cost break-ups as applicable)	civil works	Supply and erection	Supply, erection & civil works	Supply and erection	Supply and erection	Supply and erection
3	Whether awarded through ICB/DCB/ Departmentally/ Deposit Work	DCB	ICB	ICB	ICB	ICB	ICB
4	No. of bids received	3	5	8	7	7	6
5	Date of Award	28.04.2014	17.02.2014	03.02.2015	14.01.2015	10.09.2014	26.12.2014
6	Date of Start of work	28.04.2014	17.02.2014	03.02.2015	14.01.2015	10.09.2014	26.12.2014
7	Date of Completion of Work/Expected date of completion of work	Expected Completion - Dec'20	Expected Completion - Dec'20	Expected Completion - Sep'20	Expected Completion - Sep'20	Expected Completion - Mar'21	Expected Completion - Mar'21
8	Value of Award in (Rs. Lakh) (excl escalation)	12372.91	272300	37681	12186	2359	8581
9	Firm or With Escalation in prices	Price Adjustment available	Price Adjustment available	Price Adjustment available	Price Adjustment available	Price Adjustment available	Price Adjustment available
10	Actual capital expenditure till the completion or up to COD of Unit-II i.e 30.09.2020 whichever is earlier(Rs.Lakh) (Inclusive of Owner Issue Material)	9,188.50	296,954.56	35,355.79	10,730.44	2,122.35	7,894.68
11	Taxes & Duties and IEDC (Rs. Lakh)	-	38,557.82	2,898.64	328.70	73.74	657.66
12	IDC, FC, FERV & Hedging cost (Rs. Lakh)	0	108171.77	8131.98	922.16	206.87	1845.02
13	Sub -total (10+11+12) (Rs. Lakh)	9,188.50	443,684.16	46,386.42	11,981.30	2,402.96	10,397.36

Petitioner

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Break-up of Construction/Supply/Service packages

Name of the Petitioner: NTPC LTD

Name of the Generating Station: Darlipalli STPP (2x800 MW)

Part-I
Form-D
Rs. Lakhs

1	Name/No. of Construction / Supply / Service Package	Station Piping	Township Package	Fire Detection & Protection package	DPR & PMC for medical college	HT cables	LT Power cables
2	Scope of works (in line with head of cost break-ups as applicable)	Supply and erection	civil works	Supply and erection	Supply, erection & civil works	Supply of HT cables	Supply of 1.1 KV LT cables
3	Whether awarded through ICB/DCB/ Departmentally/ Deposit Work	ICB	DCB	ICB	DCB	DCB	DCB
4	No. of bids received	9	13	8	5		
5	Date of Award	10.10.2014	09.08.2016	23.01.2015	29.09.2014	23.03.2015	27.03.2015
6	Date of Start of work	10.10.2014	09.08.2016	23.01.2015	29.09.2014	23.03.2015	27.03.2015
7	Date of Completion of Work/Expected date of completion of work	Expected Completion - Sep'20	Expected Completion - Mar'21	Expected Completion - Dec'20	Expected Completion - Sep'20	Actual Completion - 28.02.18	Expected Completion - Jun'20
8	Value of Award in (Rs. Lakh) (excl escalation)	2042	28471	2892	41777	1175	1199
9	Firm or With Escalation in prices	Price Adjustment available	Price Adjustment available	Price Adjustment available	Price Adjustment available	Price Adjustment available	Price Adjustment available
10	Actual capital expenditure till the completion or up to COD of Unit-II i.e 30.09.2020 whichever is earlier(Rs.Lakh) (Inclusive of Owner Issue Material)	2,066.03	24,427.13	2,520.51	38,700.00	1,202.20	1,021.79
11	Taxes & Duties and IEDC (Rs. Lakh)	194.82	890.73	108.29	-	88.52	154.31
12	IDC, FC, FERV & Hedging cost (Rs. Lakh)	546.55	2,498.90	303.80	-	248.34	432.92
13	Sub -total (10+11+12) (Rs. Lakh)	2,807.40	27,816.75	2,932.59	38,700.00	1,539.06	1,609.02

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Petitioner

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Break-up of Construction/Supply/Service packages

Name of the Petitioner: NTPC LTD

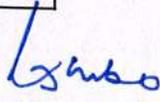
Name of the Generating Station: Darlipalli STPP (2x800 MW)

Part-I

Form-D

Rs. Lakhs

1	Name/No. of Construction / Supply / Service Package	Control cables	Wagons	Locomotives	Land incl R&R, Other site enabling / Misc Packages/Temp. Construction, TnPs/ Workshop & Lab Equipments	Sum Total
2	Scope of works (in line with head of cost break-ups as applicable)	Supply of Control cables	supply of wagons	Supply of loccos		
3	Whether awarded through ICB/DCB/ Departmentally/ Deposit Work	DCB	DCB	Domestic - Single Tender		
4	No. of bids received			1		
5	Date of Award	09.02.2015	01.08.2015	23.03.2015	-	
6	Date of Start of work	09.02.2015	01.08.2015	23.03.2015	-	
7	Date of Completion of Work/Expected date of completion of work	Actual Completion - Feb'18	Actual Completion - 31.10.17	Actual Completion - 25.02.17	-	
8	Value of Award in (Rs. Lakh) (excl escalation)	489	5555	7393	-	
9	Firm or With Escalation in prices	Price Adjustment available	Price Adjustment available	Price Adjustment available		
10	Actual capital expenditure till the completion or up to COD of Unit-II i.e 30.09.2020 whichever is earlier(Rs.Lakh) (Inclusive of Owner Issue Material)	488.00	5,485.20	8,144.57	117,125.88	880,529.38
11	Taxes & Duties and IEDC (Rs. Lakh)	75.68	117.21	122.12	530.99	66,203.64
12	IDC, FC, FERV & Hedging cost (Rs. Lakh)	212.30	328.84	342.61	2029.17	185729.92
13	Sub -total (10+11+12) (Rs. Lakh)	775.98	5,931.25	8,609.30	119,686.04	1,132,462.95


Petitioner

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Details of variables, parameters, optional package etc. for New Project

Name of the Petitioner		NTPC LTD
Name of the Generating Station		DARLIPALI SUPER THERMAL POWER PROJECT (2x800MW)
Unit Size		800 MW
Number of Units		2
Greenfield/Extension		Green Field
S. No.	Variables	(Design Operating Range) Values
1	Coal Quality – Calorific Value	3200 Kcal/Kg
2	Ash Content	42%
3	Moisture Content	15%
4	Boiler Efficiency	85.01%
5	Suspended Particulate Matter	50 mg/NM3
6	Ash Utilization	Dry ash Extraction system
7	Boiler Configuration	Coal fired, Once through, Spiral walled, Drumless, Stop supported, Balanced draft furnace
8	Turbine Heat Rate	1816 kcal/kwh
9	CW Temperature	33 deg C
10	Water Source	River water - Hirakud Reservoir (on River Mahanadi)
11	Distance of Water Source	40KM
12	Clarifier	3 no. PT-CW clarifiers (design flow 1900 cu.m/hr) + 1 no. PT- DM clarifier (Design flow 260 cu.m/hr)
13	Mode of Unloading Oil	Rail + Road
14	Coal Unholding Mechanism	Track Hopper (1 No.) + Wagon tippers (3 No.)
15	Type of Fly Ash Disposal and Distance	HCS D + Dry fly ash: Distance of Ash dyke- 3 Km
16	Type of Bottom Ash Disposal and Distance	Slurry disposal. Distance of Ash Dyke- 3 Km
17	Type of Soil	Top Soil- red sandy soils and red loamy soils. Sub-Soil - Weathered rock
18	Foundation Type (Chimney)	Block foundation
19	Water Table	1.34-16.97 m Below Ground Level (Pre-monsoon period)
20	Seismic and Wind Zone	Siesmic Zone-II; Wind Zone-II (Basic wind speed-39 m/s)
21	Condensate Cooling Method	Induced Draft Cooling Towers
22	Desalination/RO Plant	NA
23	Evacuation Voltage Level	765 KV
24	Type of Coal (Domestic/Imported)	Domestic
Parameter/Variables		Values
Completion Schedule		Commercial opertion schedule as per investment approval 52 months for first unit with phase interval of six months between the units.
Terms of Payment		For Main pacakges of SG & TG payment terms are : a) Supply Contract :15%- Intial advance; 60%- Despatch; 15% -Receipt; 10%-Final payment b) Erection contract 10%- erection advance, 80% -Stage payments; 10%-Final payments
Performance Guarantee Liability		10% of Contract value (CBG)
Basis of Price (Firm/Escalation-Linked)		Escalation linked
Equipment Supplier (Country of Origin)		SG-M/s BHEL (South Korea); TG - M/s Toshiba (Japan)
Optional Packages		Yes/No
Desalination Plant/RO Plant		NO
MGR		Yes
Railway Siding		Yes
Unloading Equipment at Jetty		NO
Rolling Stock/Locomotive		YES
FGD Plant		NO
Length of Transmission Line till Tie Point (in km)		22 km till Jharsuguda Pooling Station of PGCIL, Kenapali, Sundergarh

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[Signature]

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**PART-I
FORM- F**

Name of the Petitioner
Name of the Generating Station

NTPC Limited
Darlipalli Super Thermal Power Project Stage-I

In case there is Cost over-run

(Amount in Rs. Lakh)

Sl. No. (1)	Break Down	Original Cost (Rs.Lakh) as approved by the Board of Members	Actual/ Estimated Cost as incurred/ to be incurred (Rs. Lakh)	Difference	Reasons for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost
		Total Cost	Total Cost	Total Cost		
1	Shall be provided as on actual COD of Unit/ Station.					
2						
3						
4						
5						

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Note:

Impact on account of each reason for Cost overrun should be quantified and substantiated with necessary documents and supporting workings.

(Petitioner)

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In case there is time over run

Name of the Petitioner NTPC LTD

Name of the Generating Station DARLIPALI SUPER THERMAL POWER PROJECT STAGE-I (2x800 MW)

Sr.No	Description of Activity/Works /Service	Original Schedule (As per Planning)		Actual Schedule (As per Actual)		Time Over-Run	Reasons for delay	Other Activity affected (Mention Sr No of activity affected)			
		Start Date	Completion Date	Actual Start Date	Actual Completion Date	Days					
1	2	3	4	5	6	7	8	9			
1	0										
2	Shall be submitted at the time of triwing-up / Actual COD.										
3											
3											

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(Petitioner)

Name of the Petitioner
Name of the Generating Station

NTPC LTD
DARLIPALI SUPER THERMAL POWER PROJECT STAGE-I (2x800 MW)

Statement of Capital cost

(To be given for relevant dates and year wise)

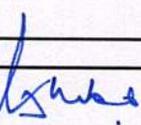
(Amount in Rs. Lakh)

S. No.	Particulars	As on relevant date		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening Gross Block Amount as per books			
	b) Amount of IDC in A(a) above			
	c) Amount of FC in A(a) above			
	d) Amount of FERV in A(a) above			
	e) Amount of Hedging Cost in A(a) above			
	f) Amount of IEDC in A(a) above			
B	a) Addition in Gross Block Amount during the period (Direct purchases)			
	b) Amount of IDC in B(a) above			
	c) Amount of FC in B(a) above			
	d) Amount of FERV in B(a) above			
	e) Amount of Hedging Cost in B(a) above			
	f) Amount of IEDC in B(a) above			
C	a) Addition in Gross Block Amount during the period (Transferred from CWIP)			
	b) Amount of IDC in C(a) above			
	c) Amount of FC in C(a) above			
	d) Amount of FERV in C(a) above			
	e) Amount of Hedging Cost in C(a) above			
	f) Amount of IEDC in C(a) above			
D	a) Deletion in Gross Block Amount during the period			
	b) Amount of IDC in D(a) above			
	c) Amount of FC in D(a) above			
	d) Amount of FERV in D(a) above			
	e) Amount of Hedging Cost in D(a) above			
	f) Amount of IEDC in D(a) above			
E	a) Closing Gross Block Amount as per books			
	b) Amount of IDC in E(a) above			
	c) Amount of FC in E(a) above			
	d) Amount of FERV in E(a) above			
	e) Amount of Hedging Cost in E(a) above			
	f) Amount of IEDC in E(a) above			

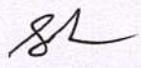
To be filed at the time of actual COD/truing-up.

Note:

1. Relevant date/s means date of COD of unit/s/station and financial year start date and end date



(Petitioner)



Name of the Petitioner NTPC LTD
Name of the Generating Station DARLIPALI SUPER THERMAL POWER PROJECT STAGE-I (2x800 MW)

Statement of Capital Woks in Progress

(Amount in Rs. Lakh)

S. No.	Particulars	As on relevant date		
		Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening CWIP as per books			
	b) Amount of IDC in A(a) above			
	c) Amount of FC in A(a) above			
	d) Amount of FERV in A(a) above			
	e) Amount of Hedging Cost in A(a) ab			
	f) Amount of IEDC in A(a) above			
B	a) Addition in CWIP during the period			
	b) Amount of IDC in B(a) above			
	c) Amount of FC in B(a) above			
	d) Amount of FERV in B(a) above			
	e) Amount of Hedging Cost in B(a) ab			
	f) Amount of IEDC in B(a) above			
C	a) Transferred to Gross Block Amount			
	b) Amount of IDC in C(a) above			
	c) Amount of FC in C(a) above			
	d) Amount of FERV in C(a) above			
	e) Amount of Hedging Cost in C(a) ab			
	f) Amount of IEDC in C(a) above			
D	a) Deletion in CWIP during the period			
	b) Amount of IDC in D(a) above			
	c) Amount of FC in D(a) above			
	d) Amount of FERV in D(a) above			
	e) Amount of Hedging Cost in D(a) ab			
	f) Amount of IEDC in D(a) above			
E	a) Closing CWIP as per books			
	b) Amount of IDC in E(a) above			
	c) Amount of FC in E(a) above			
	d) Amount of FERV in E(a) above			
	e) Amount of Hedging Cost in E(a) ab			
	f) Amount of IEDC in E(a) above			

To be filed at the time of actual COD/truing-up.

Note:

1. Relevant date/s means date of COD of unit/s/station and financial year start date and end date

[Signature]

(Petitioner)

[Handwritten mark]

Calculation of Interest on Normative Loan

Name of the Petitioner

NTPC LTD

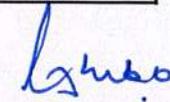
Name of the Generating Station

DARLIPALI SUPER THERMAL POWER PROJECT STAGE-I (2x800 MW)

(Amount in Rs Lakh)

S. No.	Particulars	2019-20 (01.03.2020 to 31.03.2020)	2020-21 (01.04.2020 to 29.09.2020)	2020-21 (30.09.2020 to 31.03.2021)	2021-22	2022-23	2023-24
1	2	3	5	6	7	8	9
1	Gross Normative loan – Opening	508,691.24	517,150.74	800,549.16	816,036.66	854,040.36	878,326.86
2	Cumulative repayment of Normative loan up to previous year	0	3,388.64	23,677.12	53,839.57	115,990.30	180,459.10
3	Net Normative loan – Opening	508,691.24	513,762.10	776,872.04	762,197.09	738,050.06	697,867.75
	Add-Cap	12,085.00	12,845.00	22,125.00	54,291.00	34,695.00	11,870.00
4	Add: Increase due to addition during the year / period	8,459.50	8,991.50	15,487.50	38,003.70	24,286.50	8,309.00
5	Less: Decrease due to de-capitalisation during the year / period						
6	Less: Decrease due to reversal during the year / period						
7	Add: Increase due to discharges during the year / period						
	Less: Repayment of Loan	3,388.64	20,288.48	30,162.45	62,150.72	64,468.81	65,681.83
8	Net Normative loan - Closing	513,762.10	502,465.12	762,197.09	738,050.06	697,867.75	640,494.93
9	Average Normative loan	511,226.67	508,113.61	769,534.56	750,123.57	717,958.91	669,181.34
10	Weighted average rate of interest	6.40%	6.41%	6.39%	6.32%	6.17%	5.86%
11	Interest on Loan	32,743.05	32,554.84	49,163.25	47,407.81	44,286.58	39,244.14

(Petitioner)



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Calculation of Interest on Working Capital

**PART 1
FORM- O**

Name of the Petitioner **NTPC LTD**
Name of the Generating Station **DARLIPALI SUPER THERMAL POWER PROJECT STAGE-I (2x800 MW)**

S. No.	Particulars		2019-20 (01.03.2020 to 31.03.2020)	2020-21 (01.04.2020 to 29.09.2020)	2020-21 (30.09.2020 to 31.03.2021)	2021-22	2022-23	2023-24
1	2		4	6	7	8	9	10
1	Cost of Coal/Lignite1	40 days	8017.43	8017.43	16034.86	16034.86	16034.86	16034.86
2	Cost of Main Secondary Fuel	2 month	261.47	260.76	521.52	521.52	521.52	522.95
3	Fuel Cost2							
4	Liquid Fuel Stock2							
5	O & M Expenses	1 month	1430.07	1472.74	2945.48	3034.81	3125.48	3220.15
6	Maintenance Spares	20% of O&M	3432.18	3534.58	7069.16	7283.56	7501.16	7728.36
7	Receivables	45 days	25922.27	26184.51	45350.86	45788.45	46142.49	45898.07
8	Total Working Capital		39063.42	39470.01	71921.87	72663.20	73325.50	73404.38
9	Rate of Interest		12.05%	12.05%	12.05%	12.05%	12.05%	12.05%
10	Interest on Working Capital		4,707.14	4,756.14	8,666.59	8,755.92	8,835.72	8,845.23

Note:



Petitioner

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Incidental Expenditure during Construction up to Scheduled COD and up to Actual/anticipated COD

Name of the Petitioner

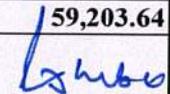
NTPC LTD

Name of the Generating Station

DARLIPALI SUPER THERMAL POWER PROJECT STAGE-I (2x800MW)

(Rs. In Lakh)

Sl.No.	Parameters	As on Scheduled COD 30.06.2018	As on anticipated COD 01.03.2020
A Head of Expenses:			
1	Employees' Benefits Expenses	16,087.97	35,319.91
2	Power Charges	1,299.67	2,533.56
3	Other Office and Administrative Expenses	7,240.91	16,573.76
4	Others(Depreciation)	3,044.40	6,357.02
5	Actuarial gain/loss OCI	215.63	400.95
	Total Expenses	27,888.58	61,185.20
B Income			
1	Interest on Loans and advance	521.72	979.41
2	Income from sale of scrap	-	185.21
3	Hire Charge-Const/other equipment	-	6.06
4	Sale of Tender Forms	5.07	7.42
5	Power Charges Recovered from Contractors	18.87	35.44
6	Receipt from Guest House	1.04	1.27
7	Other Miscellaneous Receipts	534.49	766.75
	Total Expenses	1,081.18	1,981.56
	Net Expenses (A-B)	26,807.40	59,203.64


Petitioner

18

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Expenditure under different packages up to Scheduled COD and up to Actual/anticipated COD

Name of the Petitioner

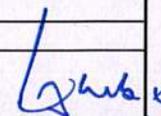
NTPC LTD

Name of the Generating Station

DARLIPALI SUPER THERMAL POWER PROJECT STAGE-I (2x800MW)

(Amount in Rs. Lakh)

Sl. No.	Parameters	As on Scheduled COD 31.12.2018* (for both units combined)	As on actual/anticipated COD (30.09.2020)* (for Both units combined)
1	Steam Turbine Generator Package	115366.98	135692.36
2	Induced Draft Cooling Towers Package	11456.71	13961.52
3	CW System Equipment Package	2585.56	3041.38
4	Electrostatic Precipitator Package	25133.72	31643.18
5	Water Treatment Plant Package	5088.23	6507.44
6	Generator Busducts & Associated Equipment, MV Busducts Package	1302.05	1465.87
7	Make-Up Water Pipes Package	14097.29	17057.01
8	Railway Siding Package + MGR Package (Dulanga Mine- Darlipalli)	28678.11	47395.09
9	CW System & Make up Water System Civil Works Package	7363.46	10558.38
10	Ash Dyke Package	5941.31	8416.80
11	Main plant & Offsite Civil Works Package	51235.44	70298.71
12	Ash Handling System & Ash Water Recirculation Package	10215.64	17287.56
13	Air Conditioning & Ventilation System Packages	1582.79	1922.13
14	LT Switchgears & LT Bus Duct Package	2997.89	3191.55
15	MV Switchgear Package	2239.04	2654.22
16	Station Control & Instrumentation (C&I) and Instrumentation Cables Package	4348.69	5355.33
17	Switchyard Package	18662.02	21566.36
18	Work of Site Leveling & Infrastructure Works Package	8183.23	9188.50
19	Steam Generator	362400.29	443684.16
20	Coal Handling System	39271.88	46386.42
21	765 KV class power transformers	7108.56	11981.30
22	EH & HV Transformers Package	1559.64	2402.96
23	Electrical Eqpt Supply & Erection Package	8440.38	10397.36
24	Station Piping	2186.17	2807.40
25	Township Package	15521.99	27816.75
26	Fire Detection & Protection package	2152.86	2932.59
27	HT cables	1328.06	1539.06
28	LT Power cables	1155.73	1609.02
29	Control cables	656.09	775.98
30	Wagons	5485.20	5931.25
31	Locomotives	8144.57	8609.30
	Total	771889.56	974076.91



Petitioner

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8

NTPC Ltd
Quarterly Debt Equity Ratio for Darlipalli STPS Stage-I

Part-I
Form-R
Rs. in Crs.

167

Qtr Ended on	Expr. During Qtr	Cumulative Expr. Upto the end of Qtr	Debt applied	Cummulative Debt	Equity	Cumulative Equity	Debt	Equity	Notional Equity	Interest Quarterly	Notional IDC
31-03-14	950.88	950.88	668.00	668.00	282.88	282.88	70.25	29.75	-	0.59	-
30-06-14	15.27	966.15	-	668.00	15.27	298.15	69.14	30.86	8.30	2.37	0.20
30-09-14	28.45	994.60	-	668.00	28.45	326.60	67.16	32.84	28.22	2.39	0.67
31-12-14	101.19	1,095.79	-	668.00	101.19	427.79	60.96	39.04	99.05	2.42	2.40
31-03-15	316.19	1,411.98	608.06	1,276.06	(291.87)	135.92	90.37	9.63	-	1.31	-
30-06-15	231.08	1,643.06	-	1,276.06	231.08	367.00	77.66	22.34	-	1.71	-
30-09-15	348.65	1,991.71	-	1,276.06	348.65	715.65	64.07	35.93	118.14	2.09	2.46
31-12-15	386.60	2,378.31	258.00	1,534.06	128.60	844.25	64.50	35.50	130.76	2.11	2.75
31-03-16	725.07	3,103.38	900.75	2,434.81	(175.68)	668.57	78.46	21.54	-	1.61	-
30-06-16	442.42	3,545.80	50.00	2,484.81	392.42	1,060.99	70.08	29.92	-	1.85	-
30-09-16	559.87	4,105.67	155.00	2,639.81	404.87	1,465.86	64.30	35.70	234.16	1.92	4.51
31-12-16	592.53	4,698.20	780.00	3,419.81	(187.47)	1,278.39	72.79	27.21	-	1.73	-
31-03-17	740.36	5,438.56	522.52	3,942.33	217.84	1,496.23	72.49	27.51	-	1.62	-
30-06-17	396.25	5,834.81	-	3,942.33	396.25	1,892.48	67.57	32.43	142.04	1.75	2.48
30-09-17	405.07	6,239.88	352.49	4,294.82	52.58	1,945.06	68.83	31.17	73.10	1.76	1.28
31-12-17	457.04	6,696.92	60.00	4,354.82	397.04	2,342.10	65.03	34.97	333.03	1.75	5.83
31-03-18	806.76	7,503.68	1,087.32	5,442.14	(280.56)	2,061.54	72.53	27.47	-	1.47	-
30-06-18	293.15	7,796.83	-	5,442.14	293.15	2,354.69	69.80	30.20	15.64	1.62	0.25
30-09-18	230.94	8,027.77	95.00	5,537.14	135.94	2,490.63	68.97	31.03	82.30	1.70	1.40
31-12-18	413.65	8,441.42	100.00	5,637.14	313.65	2,804.28	66.78	33.22	271.85	1.74	4.74
31-03-19	660.54	9,101.96	883.04	6,520.18	(222.50)	2,581.78	71.63	28.37	-	1.54	-
30-06-19	177.99	9,279.95	(273.00)	6,247.18	450.99	3,032.77	67.32	32.68	248.78	1.69	4.21
30-09-19	446.09	9,726.04	803.53	7,050.71	(357.44)	2,675.33	72.49	27.51	-	1.55	-
31-12-19	448.30	10,174.34	60.39	7,111.10	387.91	3,063.24	69.89	30.11	10.94	1.64	0.18
Total	10,174.34		7,111.10		3,063.24						33.36

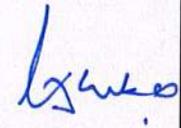
Signature

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Statement of Liability Flow

Name of the Petitioner : NTPC Limited
Name of the Generating Station : Darlipalli STPS STAGE-I (2x800 MW)

(Amount in Rs Lakh)

Party	Asset / Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2019	Discharges (Year wise)	Reversal (Year wise)
Liability details Shall be provided on actual COD of U#1						
						 (Petitioner)

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Summary of issue involved in the petition							PART I FORM-T
1	Petitioner: NTPC Limited						
2	Subject: Determination of Tariff for DARLIPALLI STPS STAGE-I (2x800 MW) from anticipated COD of U#1(800 MW) to 31.03.2024.						
3	Prayer: i) Approve / determine the capital cost and tariff of Darlipalli STPS for control period 2019-24, taking into account the submissions made herein and, in the Forms and Annexures filed herewith, permitting the Petitioner to recover Annual Fixed Cost. ii) Condone the delay in declaration of Unit-I under commercial operation. iii) Grant interim order to facilitate billing and allow the Petitioner to provisionally charge tariff from its actual date of Commercial Operation as per this petition till the time the tariff for Darlipalli STPS (2 X 800 MW) is determined by Hon'ble Commission. iv) Grant liberty to the petitioner to approach the Hon'ble Commission seeking in-principle approval for implementation of various systems in the instant station to comply with revised emission standards. v) Allow reimbursement of Ash Transportation Charges directly from the beneficiaries quarterly on net basis. vi) Allow the recovery of filing fees as & when paid to the Hon'ble Commission and the publication expenses from the beneficiaries. vii) Consider station heat rate based on design heat rate with applicable operating margin viii) Pass any other order as it may deem fit in the circumstances mentioned above.						
4	Respondents						
	Seven(7) no. Respondent						
	Name of Respondents						
5	1.Bihar State Power Holding Company Ltd (BSPHCL)						
	2.North Bihar Power Distribution Company Ltd						
	3.South Bihar Power Distribution Company Ltd.						
	4. Jharkhand Bijlee Vitaran Nigam Ltd.						
	5.GRIDCO Ltd.						
	6.West Bengal State Electricity Distribution Company Ltd.						
	7. Power Department, Govt. of Sikkim						
	Cost (Approved cost) (in Rs Crore)			13,740.53			
	Commissioning			29.12.2019			
	Claim	2019-20 (01.03.2020 to 31.03.2020)	2020-21 (01.04.2020 to 29.09.2020)	2020-21 (30.09.2020 to 31.03.2021)	2021-22	2022-23	2023-24
	AFC (in Rs Lakh)	135906.12	137661.85	218398.67	221948.06	224819.72	223447.68
	Capital cost (In Rs Crore)	Unit#1	726702	Unit#II	1143642		
	Initial spare	N.A.					
	NAPAF (Gen)	85%					
	Any Specific						
							Petitioner

Signature

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No.5/6/2013-Th.II
Government of India
Ministry of Power

Shram Shakti Bhawan, Rafi Marg,
New Delhi-110001
11th August, 2016

To,

1. Chairperson,
Central Electricity Authority,
Sewa Bhawan, R.K. Puram,
New Delhi
2. Chairman & Managing Director,
NTPC Limited,
Scope Complex, Lodhi Road
New Delhi-110003
3. Member Secretary,
Eastern Regional Power Committee,
14, Golf Club Road, Tollygunge,
Kolkata-700033

ED (Commercial)
CM/ERY
63
22/8/16

नि०(वाणिज्य)/DIR (C)
नि०(प्रचालन)/DIR (O)
नि०(तकनीकी)/DIR (T)
नि०(मा०सं०)/DIR (HR)
नि०(परियोजना)/DIR (PRO)
नि०(वित्त)/DIR (F)
बै०का०नि० ()/RED ()
का० नि० ()/ED (Commercial)

Subject: Allocation of power from Darlipalli Super Thermal Power Project Stage-I (1600 MW) of NTPC-reg

Sir,

I am directed to state that power generated from the Darlipalli Super Thermal Power Project Stage-I (1600 MW), in Odisha, being implemented by NTPC, is allocated with effect from the date of commercial operation of the plant as per details given below:-

SI No	Name of the Constituents	Allocation in MW	Share in %
1	Unallocated	240.00	15.00
2	Bihar	161.20	10.08
3	Jharkhand	125.48	7.84
4	Orissa * [50% of power i.e. 800 MW already allocated to Odisha (Home State) vide MOP letter dated 17.01.11]	800.00	50.00
5	West Bengal	249.50	15.59
6	Sikkim	23.81	1.49
	Total	1600.00	100.00

* Out of Odisha's share, power shall be supplied to Dulanga mines of NTPC and Manoharpur coal mines of OCPL through direct lines as per their requirement. This supply at Darlipalli Super Thermal Power Station end to Dulanga & Manoharpur coal mines shall be treated as part of Odisha's drawl from Darlipalli.

Srj SK Samui
GM (CC)

Srj SDJha
ADM (CC/GM) - ERS

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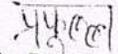
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22/8/16



2/2 ✓

2. The aforesaid allocation will be operative for pro-rata distribution to the quantum of electricity mentioned above, based on auxiliary consumption, planned outage, forced outage, availability of fuel / water etc. and after taking into account transmission losses.
3. The above allocation will further be subject to the Power Purchase Agreements (PPAs) entered into by NTPC Limited with State Power Utilities and will further be subject to the beneficiaries ensuring compliance with the financial and commercial terms (including coverage for Letter of Credit) of the PPA signed with NTPC L.d., the tariff notification, any tripartite/ bi-partite agreement signed with NTPC and any other directives/ guidelines issued by the Government of India /Central Electricity Regulatory Commission from time to time.
4. This issues with the approval of the Hon'ble Minister of State (I/C) for Power, Coal and NRE.

Yours faithfully,



(Dr. P.K.Sinha)

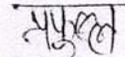
Under Secretary to the Government of India
Telefax: 23719710

Copy to:

1. Chief Secretary, Government of Bihar, Patna
2. Chief Secretary, Government of Jharkhand, Ranchi
3. Chief Secretary, Government of Odisha, Bhubaneswar
4. Chief Secretary, Government of West Bengal, Kolkata
5. Chief Secretary, Government of Sikkim

Copy also to:

1. PS to Hon'ble Minister of State (I/C) for Power, Coal and NRE
2. PPS to Secretary (Power)/ JS (Thermal)/Director (OM)/ DS (Thermal)



(Dr. P.K.Sinha)

Under Secretary to the Government of India

EXTRACTS FROM THE MINUTES OF 402ND MEETING OF THE BOARD OF DIRECTORS HELD ON THURSDAY, JANUARY 16, 2014.

9010 Item No.402.2.17 Darlipali STPP (2X800 MW) - Investment approval

X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X

The Board, after discussions, passed the following resolution:

Resolved that the investment proposal for Darlipali Super Thermal Power Project (2x800 MW) at SBI Capital Markets Ltd. (SBI Caps) appraised Current Estimated Cost of Rs. 12532.44 Crore including Interest During Construction (IDC) and Financing Charges (FC) of Rs. 2196.52 Crore and Working Capital Margin (WCM) of Rs. 194.95 Crore as of IV Qtr. 2013 price level and corresponding Indicative Estimated Completed Cost of Rs. 13740.53 Crore including IDC and FC of Rs. 2337.40 Crore and WCM of Rs. 204.71 Crore, as per the memorandum submitted before the Board, be and is hereby approved subject to Environmental Clearance of Ministry of Environment and Forests (MOEF).

XXXXX

CERTIFIED TRUE COPY

Nandini Sarker

नन्दिनी सरकार
NANDINI SARKAR
कंपनी सचिव

Company Secretary

एनटीपीसी लिमिटेड / NTPC Limited
NTPC Bhawan, Scope Complex,
7, Institutional Area, Lodhi Road, New Delhi

[Signature]

W.P.(C) PIL No. 5410 of 2016

30.03.2016 notice

Notice on behalf of opposite parties 4, 5, 7 has been accepted by learned Addl. Government Advocate for the State.

Copy of the writ petition be served on learned counsel for the State within three days.

Mr. D.K. Sahoo, learned counsel has entered appearance for opposite party no.1. Let one extra copy of the writ petition be served on him within three days.

Steps for service of notice by registered post with A.D. to the rest opposite parties be taken within one week. Office shall send notice to the said opposite parties fixing 30.04.2016.

All the opposite parties may file counter affidavit by next date.

(VINEET SARAN)
CHIEF JUSTICE

(DR. B.R. SARANGI)

JUDGE

Issue fee as per No. 5410 of 2016

Accept one set of process fee.

The submission of learned counsel for the petitioner is that the permission for excavation of hard rock within the Darlipali Super Thermal Power Project with drilling and controlled blasting has been granted by the Collector and District Magistrate, Sundargarh on 09.06.2015 without considering the earlier order of the Addl. District Magistrate dated 16.03.2015, wherein it has been specifically stated that permission for such type of blasting in the area cannot be granted because the human habitation is within close proximity of the proposed site and there is danger to human life and property.

Learned counsel for the petitioner has submitted that because of the blasting, there is danger to the human life and the houses in the area have developed cracks. In support of the same, the petitioner has filed certain photographs as Annexure-4 to the writ petition.

Keeping in view the aforesaid facts, it is directed that till next date listing, the operation of the order dated 09.06.2015 passed by the Collector and District Magistrate, Sundargarh shall remain stayed.

Issue urgent certified copy as per Rules.

(VINEET SARAN)
CHIEF JUSTICE

(DR. B.R. SARANGI)

JUDGE

19.07.2016

This is a writ petition filed in the nature of public interest litigation by the residents of the area, where excavation of hard rock is being carried on for the purpose of levelling the area to set up Darlipali Super Thermal Power Project.

2. We have heard Sri R.K. Rout, learned counsel for the petitioners, Sri D.K. Sahoo, learned counsel for opposite party no.1-Union of India, Sri Jayanta Das, learned Sr. Counsel appearing for the contesting opposite party no.2-National Thermal Power Corporation Ltd., Sri B.N. Mohanty, learned counsel for opposite party no.3, learned Addl. Govt. Advocate for the State-opposite parties no. 4, 5, 7 and 8, Sri S.B. Mohanty, learned counsel for opposite party no.9-Tata Power Project and Sri M.K. Pradhan, learned counsel for opposite party no.10-Joint Chief Controller of Explosive.

3. Pleadings between the parties having been exchanged, with the consent of learned counsel for the parties, this writ petition is being disposed of finally at the admission stage.

4. The grievance of the petitioners is that because of the blasting, which is being carried on in the area of the National Thermal Power Corporation Ltd. (for short Corporation) by opposite party no.3-Soma Enterprises Ltd., there is noise pollution and also because of such blasting the properties of the villagers are being affected. According to the petitioners, blasting is being carried on by the opposite party-Corporation in a close proximity to their village, whereas according to the opposite party-Corporation blasting is being done more than 1.5 to 2.0 k.m. away from the village. Be that as it may, the question to be considered by us is, whether the controlled blasting for the purpose of excavation and levelling of the area can be carried on by the opposite party-Corporation themselves or through any other agency and in what manner.

5. Although several averments have been made in the writ petition, learned counsel for the petitioners has limited his prayer to the extent that blasting cannot be carried on by a person other than a licenced/certified shot firer as required under the provisions of the Explosives Act, 1884 and Rules of 2008 framed thereunder.

6. From the facts, as borne out from the pleadings of the parties, it is clear that on 07.05.2015 the opposite party-Corporation made a request to the Collector & District Magistrate, Sundargarh for excavation of hard rock with open/controlled blasting under site for levelling and infrastructure works package for Darlipali Super Thermal Power Project. This was necessitated, as according to the Corporation their plant area is widespread and hard rock is found at various locations and, thus, the only method for removing such rocks is by way of controlled blasting. Such application of the opposite party-Corporation was considered by the Collector & District Magistrate, Sundargarh and after obtaining a report from the Head of the Department of National Institute of Rock Mechanics, Bangalore, permission was granted in the following terms:

- * The permission is only for use of explosive for controlled blasting only and not to store explosives.
- * Explosives should be purchased from licensed holder.
- * Explosives should be transported in licensed Explosive Van.
- * Blasting shall be carried out by Certified Short Firer and in presence of Expert from National Institute of Rock Mechanics, Bangalore.
- * Police and public must be informed before the time of blasting in writing and public address system.
- * At the time of blasting, it must be ensured that no human or animal lives are within the restricted area as per Explosives Rules, 2008.
- * All precautionary measures should be adopted as per Explosives Rules, 2008 before, after and at the time of blasting.
- * Permission may be cancelled at any time without assigning any reason thereof.

7. The only objection raised by learned counsel for the petitioners is that opposite party no.3, who is the Chief Project Manager of Soma Enterprises Ltd., does not have the shot firer certificate/licence granted in the requisite form for the purpose under the Explosives Rules, 2008.

8. In view of the fact that such a condition was imposed by the District Magistrate, while permission granted on 09.06.2015, that the blasting shall be carried on by the certified shot firer, in our view, the objection of the learned counsel for the petitioners is fully justified. The petitioners do not object to the other conditions and also the conditions that such blasting would be in presence of the experts from National Institute of Rock Mechanics, Bangalore, which has been provided for by the District Magistrate as a matter of abundant precaution.

9. Sri Jayanta Dash, learned Sr. Counsel appearing for the opposite party-Corporation could not object to such an objection of learned counsel for the petitioners.

10. The law requires that controlled blasting can only be carried on by a certified/licenced shot firer. Learned counsel for opposite party no.3 representing Soma Enterprises Ltd. has accepted that they do not have a shot firer licence. As such, in law the said opposite party would not be authorized to carry on the blasting operation at the site of opposite party-Corporation.

11. Sri Jayanta Dash, learned Sr. Counsel appearing for the opposite party-Corporation undertakes that controlled blasting on behalf of the Corporation shall be carried on for the purpose of excavation and levelling the site area only through certified/licenced shot firer. In case any blasting is carried on by any unlicensed shot firer, the petitioners or any other villagers would be at liberty to raise objections before the District Magistrate or the concerned authority under the Explosives Act with proper evidence and if such objections are filed, the same shall be looked into, considered and decided by the authority concerned in accordance with law.

12. Since no other point was raised by learned counsel for the petitioners, we dispose of this writ petition with the aforesaid observation. With regard to the other prayers, which have been made in this writ petition, the petitioners shall be at liberty to approach the concerned authority for redressal of their grievance.

Issue urgent certified copy as per Rules.

(VINEET SARAN)
CHIEF JUSTICE

.....

(Dr. B.R. SARANGI)

JUDGE

D(Poij)

MEETING NOTICE
MOST IMMEDIATE

No. 521/2/3/2012- Cab.III (PMG)
GOVERNMENT OF INDIA/ भारत सरकार
PRIME MINISTER'S OFFICE/ प्रधानमंत्री कार्यालय
PROJECT MONITORING GROUP

VIGYAN BHAVAN ANNEXE
New Delhi, dated 06th March, 2018

OFFICE MEMORANDUM

Subject: **Review of pending issues in the State of Odisha in projects on Central PMG Portal.**

The undersigned is directed to state that the 19th PMG meeting on the above subject will be held under the Chairmanship of Chief Secretary, Govt. of Odisha on **16.03.2018 in 03:30 PM** in the Conference hall, 3rd Floor, Secretariat Building, Bhubaneswar, Odisha.

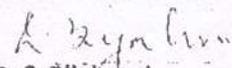
2. The Agenda of the meeting shall be as under:

I. Projects on Central PMG Portal:		
Sponsoring Ministries	No. of Projects	Sl. No. of the Project on PMG Portal (details at Annexure-I)
Railway	5	Angul-Sukhinda new line (Sl. No. 422), Talcher-Bimlagarh new railway (Sl. No. 423), Haridaspur-Paradeep new railway (Sl. No. 424), Sambalpur-Bamur Doubling (Sl. No. 1455), KHURDA-BOLANGIR NEW BG RAIL (Sl. No. 1476)
Road Transport & Highways	05	Panikholi-Rimoli (Sl. No. 138), Angul Sambalpur Toll Road (Sl. No. 589), Singara - Binjabahal section on NH-6 (Sl. No. 1472), Binjabahal -Telebani section on NH-6 (Sl. No. 1473), Chandikhole-Duburi-Talcher Section (Sl. No. 1589)
Water Resources	01	Rengali Irrigation Project (Sl. No. 1615)
Coal	01	Coal Mining Projects of Mahanadi Coalfields Limited (Sl. No. 1154)
Power	02	Darlipalli Stpp Stage-I (Sl. No. 1444), OGPTL - Odisha Generation Phase II Transmission Limited (Sl. No. 1621)
Fertilizers	01	Technical Ammonium Nitrate (Sl. No. 1614)
Total	15	(Status of the above cases may be updated)
II. Action plan for expeditious approval of pending 16 FC cases in the State of Odisha. (Annexure-II)		

3. The State Nodal Officer is requested to kindly invite the concerned Heads of Departments/DMs/DFOs to the meeting or arrange for their participation in the deliberations through Video Conferencing. It is also requested to obtain in advance the updated status of pending cases from concerned Officials/Departments and provide a copy by email to the undersigned prior to the meeting.

4. The State Nodal Officer is also requested to get the status of PRAGATI projects/programmes updated on the e-samiksha portal at the earliest.

5. The Nodal Officers of the concerned Ministries/Departments are requested to kindly make it convenient to attend the meeting or depute a senior officer to attend the meeting. It is also requested to immediately update the present status of the issues of projects included in the Agenda on the PMG Portal and to forward the particulars of the representatives including project proponents attending the meeting directly to **Shri D. K. Jena, Additional Secretary, (PPP & PM), P&C Department, Govt. of Odisha** with copy to the undersigned.


(D. C. Bijalwan)
Under Secretary, PMG
Telefax: 011-23060627
Email: dc.bijalwan@nic.in

To

Ms. Urvashi Sadhwani, Senior Economic Advisor, M/o Petroleum and Natural Gas
Shri S. C. Jain, Executive Director (Works), M/o Railways
Shri A. P. Pathak, Chief Engineer (Monitoring), M/o Road Transport & Highways
Shri Rajesh Kumar Sinha, Joint Secretary, M/o Coal
Shri Raj Pal, Economic Advisor, M/o Power
Shri Kushvieder Vohra, Commissioner, M/o Water Resources
Shri Gyanesh Bharti, Joint Secretary, Ministry of Environment, Forest and Climate Change
(with the request to depute the Regional Officer of MoEF in the State of Odisha for the meeting with the updated status of issues.)

Copy for information to:

Shri Pradeep Kumar Jena, Special Secretary (PPP & P.M.), P&C Department, Govt. of Odisha
(O) 0674-2536764, Email:- wrsec.or@nic.in.

Shri D. K. Jena, Additional Secretary (PPP & M), P&C Department, Govt. of Odisha
j.debendra@gmail.com, subhrranjan@gmail.com.

Copy for information to:

Regional Officer (Eastern Zone), MoEF&CC, Bhubaneswar

Agenda for the PMG meeting with Chief Secretary, Govt. of Odisha dated 16 March, 2018 at 3:30 PM

Project SNo/Project Code Location	Project Name Project Cost Posted by Posted on	Sponsoring Ministry	Description	Issues (Recipient)-Created Date Recipients Comments Decisions & Minutes
CS3500146 (666) Odisha	KVK Nilachal Power Pvt. Ltd. INR 5590 Crores keil 01-10-2013	Power	KVK Nilachal Power Private Limited (KNPL), an SPV, promoted by KVK Energy & Infrastructure Private Limited (KEIL), is implementing a project to set up 3x350 MW coal based power project in Cuttack District, Odisha in two phases viz. Phase I of 1x350 MW and Phase II of 2x350 MW.	<p>Issue(Odisha)-05-10-2015 Forest Diversion Proposal: Forest Diversion Proposal to be expedited. (MOEF).</p> <p>Latest Decision & Minutes The project proponent confirmed that the Gram Sabha meeting would be organized by end-December 2016 after which the FRA certificate can be issued. On the matter of land acquisition, the project proponent was instructed to proceed with works as the abatement of land AND correction of RoR in favour of IDCO is not a hindrance to any activity (06-12-2016) Issue Considered</p>
CS3500256 (1444) Odisha	DARLIPALLI STPP STAGE-I (2X800 MW) INR 12532 Crores ntpccpmc 01-01-2016	Power	DARLIPALLI STPP STAGE-I (2X800 MW) Thermal Power Project at Village Darlipali District: Sundargarh State: Odisha	<p>Issue(Odisha)-27-02-2017</p> <ul style="list-style-type: none"> 1. Railway siding Pvt.land(60.94 acres) • Private land in Sundargarh district for railway siding + 0.44 acre MGR left out land (public hearing and expert committee recommendations followed by notification to be completed by end-November 2016) • Private land (15.27 acre) in Jharsuguda district for railway siding. <p>Latest Decision & Minutes In the meeting held under the Chairmanship of CS, Odisha on 16.10.2017, Revenue AND D.M. Department confirmed that the section</p>

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				8(2) for private land (for establishing railway sidings) in Jharsuguda and Sundargarh districts shall be completed by end-November 2017. NTPC was instructed to expeditiously comply with the conditions of stage-I forest clearance accorded for 7.102 ha of revenue forest land for construction of 200kv transmission line. (20-11-2017) Issue Considered
CS3500293 (1621) Odisha	OGPTL - Odisha Generation Phase II Transmission Limited INR 1223 Crores pragarwa 04-04-2017	Power	Various IPPs, expected to be commissioned in Odisha, had applied for grant of connectivity and LTOA/LTA. Seven IPPs were considered under phase I and transmission system for the same under implementation under HCTPC I scheme. Further following 5 projects were considered under Phase II generation projects in Odisha 1. Sterlite Energy Ltd (Ph I project) (LTA of 1000 MW under Ph II) 2400 MW 2. GMR Kamalanga Energy Ltd(Ph II) 350 MW 3. OPGC 1350 MW 4. Darlipalli(NTPC) 1600 MW 5. NSL Nagapatnam Power & Infratech 1320 MW and following transmission system has been finalized for evacuation of power from above mentioned generation projects (i) Immediate evacuation system for Ph II generation projects in Odisha • Sterlite TPP to Jharsuguda 400 kV D/C line • GMR to Angul 400 kV D/C line • OPGC to Jharsuguda 400 kV D/C line • Darlipalli to Jharsuguda 400 kV D/C line • NSL Nagapatnam to Angul 400 kV D/C line (ii) Common transmission system associated with Ph II generation projects in Odisha • Angul to Jharsuguda – Dharamjaygarh 765 kV D/C line(2nd) • Jharsuguda to Raipur pool 765 kV D/C line • LILO of Rourkela to Raigarh 400 kV D/C line(2nd) at Jharsuguda • Addition of 2x1500 MVA, 765/400 kV ICT at Jharsuguda • Addition of 2x1500 MVA, 765/400 kV ICT at Angul • Split bus arrangement at 400 kV and 765 kV bus in both Angul and Jharsuguda (iii)	Issue(Odisha)-15-10-2017 765kV D/C Jharsuguda (Sundargarh) - Raipur Transmission Line - Critical RoW Issues at Location No. 128/0 and 128/5 in Sundargarh District. Help required from District Administration to resolve the issues.

			Out of the above transmission system, following scope of works is to be implemented through Tariff Based Competitive Bidding route is as follows Scope of transmission project 1. Jharsuguda to Raipur pool 765 kV D/C line 2. OPGC to Jharsuguda 400 kV D/C line	
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अजय भल्ला
सचिव
भारत सरकार
AJAY BHALLA
Secretary
Government of India



विद्युत मंत्रालय
श्रम शक्ति भवन
नई दिल्ली-110001
Tele : 23710271/23711316
Fax : 23721487
E-mail : secy-power@nic.in

D.O.No. 11/43/2018-Th-II(Part-I)

April 26, 2019

Dear Chief Secretary,

You may be aware that the NTPC Ltd. is implementing Darlipalli Super Thermal Power Project (2x800 MW) in Odisha.

2. I have been informed by NTPC Ltd. that some land related issues of NTPC Ltd. are pending for which the support of Government of Odisha is required for expeditious implementation of the Project. This Ministry vide D.O. letter No. 11/43/2018-Th-II(Part-I) dated 23.07.2018 had requested for resolving land related issues of NTPC projects in Odisha (**Annexure-I**). As informed by NTPC Ltd., presently, issues in about 100 Acres of critical land, are still pending for resolution, as per the following details:-

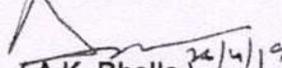
- Railway siding/MGR land:** Total 60.40 Acres Pvt Land is balance for possession/acquisition, out of which 46.11 Acres in Sundergarh district & 14.29 acres in Jharsuguda district.
- Drain outfall:** Total 24.07 Acres Pvt land is under acquisition in Sundergarh district-
- Make Up water pipe line (ROU basis):** Make Up water pipe line is to be laid in 40 KM (approx.). Pipeline has already laid in 34.2 Km. However, in 1.3 Km length (about 15.50 Acres), villagers are not accepting compensation for ROU, demanding higher compensation.

3. The First Unit of Darlipalli Project is targeted for Commissioning in Q2 of FY: 2019-20. Therefore, it is necessary for NTPC Ltd. to get the possession of the land at the earliest.

4. I would request you to please look into the matter and get the land issues of NTPC Ltd. resolved at the earliest for expeditious implementation of the projects, which will also be beneficial for the development of the State.

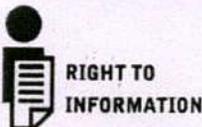
With regards,

Yours sincerely,


(A.K. Bhalla) 26/4/19

Encl: as above.

Shri Aditya Prasad Padhi
Chief Secretary, Govt. of Odisha,
Odisha Secretariat,
Bhubaneswar - 751001



Copy to: CMD, NTPC
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अजय भल्ला
सचिव
भारत सरकार
AJAY BHALLA
Secretary
Government of India



सत्यमेव जयते
Ministry of Power
Shram Shakti Bhawan
New Delhi - 110001

विद्युत मंत्रालय
श्रम शक्ति भवन
नई दिल्ली-110001
Tele : 23710271/23711316
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E-mail : secy-power@nic.in

D.O. No. 11/ 43/2018-Th-II(Part-I)

July 23, 2018

Dear Shri Padhi,

Regarding Darlipali STPP (2x800 MW), NTPC has informed that the project work is getting delayed due to pending acquisition of land for Railway Siding/MGR/Outfall Drain and ROU for pipe corridor. In this regard, This Ministry vide D.O. letter No. 5/4/2015-Th-II, dt. 23.03.2018 had requested for resolving land related issues of various NTPC projects in Odisha (copy enclosed).

2. As informed by the NTPC Ltd., 133.79 Acres land is still to be acquired/possessed by the NTPC Ltd. for Railway Siding Works and Outfall drain as per the following details:

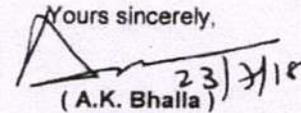
3. The critical issues, which require immediate attention of the state administration are as under:

- Acquisition of 47.50 Acres of land for Railway Siding Works in District Sundergarh. (Current Status- Section 11 notification published in March'2018)
- Acquisition of 14.29 Acres of land for Railway Siding Works in District Jharsuguda. (Current Status- Section 11 notification published in March'2018)
- Tree cutting permission in 47.99 Acres of Forest Land, for which Stage-I clearance has been issued in June'18.
- Acquisition of 24.01 Acres of land for Outfall drain in District Sundergarh. (Current Status- Section 11 notification published in March'2018)

4. The First Unit of Darlipalli Project is targeted for Commissioning in FY: 2018-19. Therefore, it is necessary for NTPC Ltd. to get the possession of the land at the earliest.

5. I would request you to look into the matter and get the issues resolved at the earliest for expeditious implementation of the Project.

With regards,

Yours sincerely,

(A.K. Bhalla)

Shri Aditya Prasad Padhi
Chief Secretary,
Govt. of Odisha,
General Administration Department
Odisha Secretariat Bhubaneswar - 751001



A Maharatna Company

एन टी पी सी लिमिटेड
(भारत सरकार का उद्यम)

NTPC Limited
(A Govt. of India Enterprise)

पूर्वी क्षेत्र-II मुख्यालय
Eastern Region-II Headquarters
भुवनेश्वर / Bhubaneswar

Ref:NTPC/ER-II/Comml/E-suvidha/Darlipali

To,
Shri Sangramjit Nayak
Addl. Secretary to Government
Department of Energy, Govt of Odisha
Bhubaneswar

Date: 28 Jan 2016

Sub: Review of CCI-PMG Projects/Issues of Mega Projects pending in Odisha

Ref: 673/En-PPD-TH-02/2013(Pt.),Bhubaneswar, dated 25th Jan 2016

Sir,

With reference to above, please find the status report of NTPC's Darlipali project for review of CCI-PMG Projects in 1st week of Feb'16.

Sl. No.	CCI-PMG Ref	Issues
1.	CS35002 56 (1444) Odisha	Administrative approval for acquisition of private land for Railway siding- NTPC submitted the proposal for administrative approval of 77 acres of Private land for Railway siding to Energy department, Govt. of Odisha on 07.05.2015. The requirement of land is critical for ensuring fuel availability for the project. State Govt may kindly expedite the administrative approval.
2.	CS35002 56 (1444) Odisha	"Right of Way" for laying intake water pipeline on private land- A 40km long underground water pipeline is to be laid to meet the water requirement of the project. Pipe line laying work has started in approx 20 Kms stretch passing thru Govt Land. Balance 20 km stretch is passing through private land for which "Right of Way" Act is required. The Bill has been passed in Odisha Assembly and has been sent to Govt. of India for getting Presidential assent. Matter is extremely critical.
Additional issue		
3.		Administrative approval for private land for discharge drain - NTPC submitted the proposal for administrative approval of 25.44 acres of Private land to Energy department, Govt. of Odisha on 26.11.2015. State Govt may kindly expedite the administrative approval.

Thanking You

Yours sincerely

(A N Mishra)

General Manager(Commercial)

तृतीय मंजिल, प्लॉट नं.-एन-17/2, ओ एल आई सी बिल्डिंग, नयापल्ली, भुवनेश्वर - 751 012, दूरभाष : 0674-2500918, फैक्स : 0674-2501919
3rd Floor, OLIC Building, Plot No. N-17/2, Nayapalli, Bhubaneswar - 751 012, Tele : 0674-2500918, Fax : 0674-2501919
पंजीकृत कार्यालय : एनटीपीसी भवन, स्कोप कॉम्प्लेक्स, 7, इन्स्टीटयुशनल एरिया, लोधी रोड, नई दिल्ली - 110003
Regd. Office : NTPC Bhawan, Scope Complex, 7, Institutional Area, Lodi Road, New Delhi-110003
दूरभाष / Tel : 011-24360100, फैक्स / Fax : 011-24361018, वेबसाईट / Website : www.ntpc.co.in

Minutes of the 13th Review meeting of CCI-PMG projects in Odisha held on 10-06-2016 (Friday) in the 03rd Floor Conference Hall of Odisha Secretariat

The meeting was held under the chairpersonship of Chief Secretary. In this meeting, a list of pre-identified infrastructure / manufacturing projects in the State was reviewed. The list of participants is annexed herewith. Decisions taken on pending issues, agreed timelines and authorities to comply with the decisions, are given below:

1) Project Sl. No. 1476: Khurda-Bolangir New BG Rail Link (289km)

While the progress of the project was reviewed, Chief Secretary advised that the work from Bolangir side needs to be expedited and substantial progress made in the next 6 months' timeframe.

The project proponent was advised to file online application for forest diversion for the unapplied areas at an early date.

2) Project Sl. No. 1455: Sambalpur-Bamur Doubling (85 km)

The project proponent was advised to file online application for forest diversion at an early date.

Principal Secretary, Revenue & D.M. requested railway authorities to provide a consolidated list of land acquisition proposals (Government and private lands) for various projects across different districts.

Railway authorities were advised to engage the services of experienced forest personnel on deputation / retired forest service officials for expediting their different FDPs in the State.

3) Project Sl. No. 1393: Sambalpur-Titlagarh doubling

It was noted that various activities including land acquisition and forest diversion are in the nature of work-in-progress and there are no major issues requiring immediate attention.

4) Project Sl. No. 524: Haridaspur-Paradip Rail Link – Rail Connectivity Project for Paradip Port

While the alienation of Government land of 131.975 acre has been completed, the same is awaiting registration due to the issue of stamp duty and registration fee. Revenue & D.M. Department was requested to consider waiver of such fees keeping in view that the transfer of land is between State Government and Central Government (Ministry of Railways) and seek orders of Government for the purpose.

In connection with issue of pending deity land, it was noted that the issue stands resolved as most of the compensation cheques have been collected by the authorized officials of Endowment Commissioner.

Collectors of Jajpur and Kendrapara districts were advised to expeditiously issue details of relevant Sabik records for non-forest Government land.

meeting by villagers of Hensmul (Talasahi). It was apprised that the said issue has already been discussed in the meeting chaired by Hon'ble Minister, Energy on 09-06-2016.

28) Project Sl. No. 499: Orient(U/G) 4

It was informed that the project proponent has deposited the penal NPV in CAMPA fund on 30-05-2016.

Collector, Jharsuguda was requested to:

- provide 12.50 ha of degraded forest land in Mouza Barakhandia for compensatory afforestation so as to enable compliance of conditions of MOEF&CC
- conduct Ward Sabha in Brajrajnagar & Belpahar Municipalities

29) Project Sl. No. 498: Orient(U/G) 1&2, 3&HRC

It was informed that the project proponent has deposited the penal NPV in CAMPA fund on 30-05-2016.

Collector, Jharsuguda was requested to:

- provide 12.50 ha of degraded forest land in Mouza Barakhandia for compensatory afforestation so as to enable compliance of conditions of MOEF&CC
- conduct Ward Sabha in Brajrajnagar & Belpahar Municipalities

30) Project Sl. No. 1444: Darlipalli STPP Stage-I

It was informed that administrative approval has been accorded for acquisition of 77 acre of private land for the railway siding.

On the issue of right of way in private land for laying of water pipeline on private land, Principal Secretary, Revenue & D.M. apprised that the matter is under process as objection hearing is underway after issuance of notification by the Collectors of Sundargarh and Jharsuguda.

The project proponent was instructed to expeditiously comply with the additional information sought by ERO, MoEF&CC w.r.t. the FDP of 25.76 ha forest land for 132KV transmission line and make-up water pipeline.

31) Project Sl. No. 886: Lanco Babandh Power Limited

The following decisions were taken after due deliberations:

- W.r.t. lease of communal land of area 12.64 acre for which exchange of land is not envisaged, possession and execution of lease deed to be completed by end-July 2016
- W.r.t. lease of communal land of area 24.09 acre for which exchange of land is required, the possession of 15.59 acre to the project proponent to be completed from IDCO by end-July 2016 and transfer of balance 8.50 acre to IDCO from District Administration by mid-July 2016

Minutes of the 15th Review meeting of CCI-PMG projects in Odisha held on 10-03-2017 (Friday) in the 03rd Floor Conference Hall of Odisha Secretariat

The meeting was held under the chairpersonship of Chief Secretary. In this meeting, a list of pre-identified infrastructure / manufacturing projects in the State was reviewed. The list of participants is annexed herewith. Decisions taken on pending issues, agreed timelines and authorities to comply with the decisions, are given below:

1) Project Sl. No. 1476: Khurda-Bolangir New BG Rail Link (289km)

It was informed that although 12.47 km stretch between Rajsunakhala – Bolgarh has been commissioned on 06-12-2016, trains are yet to be run on the said stretch by Ministry of Railways since it is pending inauguration. Joint Secretary (PMG) was requested to pursue the matter with Ministry of Railways.

Railway authorities were advised to do the e-filing for forest clearance of the stretch between 112-289 km. In the case of non-availability of Sabik records (in Nayagarh district), a certification to the said effect from District Revenue Administration may be furnished.

Four numbers of Deputy Chief Engineer units may be mobilized (instead of the current 2 units) near Daspalla & Boudh to ensure project commissioning as per targeted date.

2) Project Sl. No. 1455: Sambalpur-Bamur Doubling (85 km)

It was noted that land acquisition is work-in-progress and moving as per target.

Railway authorities were advised to comply with the EDS enquiries raised by DFO, Angul on 19-12-2016 and DFO, Sambalpur on 09-01-2017.

3) Project Sl. No. 524: Haridaspur-Paradip Rail Link – Rail Connectivity Project for Paradip Port

Revenue & D.M. Department was advised to examine as per due process, the proposal of East Coast Railways for exemption of premium on alienation / permissive possession of Government land for ongoing railway projects in line with that granted to road projects of MoRT&H. A comprehensive proposal to this effect may be re-submitted by ECoR.

It was noted that the issue of availability of moorum stands resolved.

Revenue & D.M. Department was requested to expedite the Gram Sabha meetings and SIA studies for additional land (47 acre in 40 villages) across Jajpur, Kendrapada and Jagatsinghpur districts.

In the case of non-availability of Sabik records (in Jajpur district), a certification to the said effect from District Revenue Administration may be furnished.

4) Project Sl. No. 423: Talcher – Bimlagrah New Railway Line

W.r.t. shifting of power transmission utilities, it was informed by OPTCL that 2 numbers of diversion have already been completed (TTPS-Rengali and Meramundali-

27) Project Sl. No. 1610: OPGC Expansion Project at Ib Thermal, Jharsuguda

It was informed that as a matter of principle, even though mining land has been handed over to MCL / CIL under CB Act 1957, compensation towards land cannot be paid as per rates applicable at the time of vesting of land in favour of MCL, under Sec.9 of CB Act 1957. MCL should pay compensation towards land as per currently applicable LARR Act 2013. Therefore, on the issue of disbursement of compensation in village Jamkani (Jharsuguda district), Joint Secretary (PMG) was requested to pursue the same with Ministry of Coal in Central PMG meeting. Chief Secretary would also write to Secretary, Coal in this regard.

On the issue of bridge linkage from Lakhanpur mines, MCL agreed to provide the same without being source-specific in the MoU. The issue stands resolved.

28) Project Sl. No. 1444: Darlipalli STPP Stage-I

Forest & Environment Department would process the FDP for stage-I clearance of 220 KV line and transmit the same to MoEF by end-March 2017.

Principal Secretary, Revenue & D.M. was requested to expedite and complete the disbursement of pending compensations for right of way of water pipeline on private land in Sundargarh and Jharsuguda districts by starting April 2017.

Principal Secretary, Revenue & D.M. was requested to ensure issuance of completion of SIA and 11(1) related proposals and notifications for private land for drain outfall in Sundargarh district by starting April 2017.

Collector, Sundargarh to take steps for conducting the public hearing for private land in Jharsuguda district (required for railway siding) by starting April 2017.

Land for compensatory afforestation (required for forest land in railway siding area) to be identified in Kalahandi district. The project proponent may coordinate with the authorities concerned.

29) Project Sl. No. 886: Lanco Babandh Power Limited

IDCO was advised to give advance possession of Government land of 24.09 acre (main plant area), 1.18 acre (ash pipe corridor land) and 0.22 acre (railway corridor land) in village Kurunti totalling to 25.49 acre by end-March 2017 and ensure completion of lease by Tahasildar, Odapada by end-April 2017.

IDCO was advised to give advance possession 34.11 acre Government land (for ash pond & pipe corridor) by end-March 2017 and ensure completion of lease by Tehsilar, Hindol by end-April 2017.

Revenue & D.M. Department and IDCO will coordinate with Collector, Dhenkanal for expeditious resolution of acquisition & transfer of 416.12 acre of private land for ash pond as per decisions taken in the 14th CCI-PMG meeting held on 07-11-2016.



A Maharatna Company

सुसान्त कुमार राय
निदेशक (परियोजनाए)

SUSANTA KUMAR ROY
Director (Projects)

एनटीपीसी लिमिटेड
(भारत सरकार का उद्यम)

NTPC Limited
(A Govt. of India Enterprise)

केन्द्रीय कार्यालय / CORPORATE CENTRE

Ref. No. 01/CC/D(P-rcj)/MOP/C-20

Date: 10.05.2019

**Director (Thermal),
Ministry of Power,
Shram Shaktri Bhawan,
Rafi Marg,
New Delhi-110001.**

Sub: Critical land related issues with State Governments.

Dear Sir,

Vide letters dated: 26.04.2019, from Secretary (Power), to the Chief Secretaries of Chhattisgarh, Bihar, Jharkhand, Madhya Pradesh, Uttar Pradesh and Odisha have been requested for resolution of land related issues at various NTPC Projects.

Various other communications, had also been sent by MOP, in the past, to the concerned State Govt., for expediting the land related issues.

Land acquisition related issues with Bihar Govt., were reviewed at MOP level on 18.10.2018, 27.11.2018, & 07.02.2019, in the presence of the representatives from BSPGCL and concerned District Administration. Similarly, a review of land acquisition related issues with Govt. of Jharkhand, was done on 23.08.2018, in the presence of Principal Secretary (Energy), Govt. of Jharkhand.

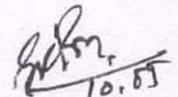
With the efforts of Ministry of Power, many critical land related issues were resolved, but some of the critical issues, are still pending with various State Govt., which are delaying the completion of respective projects. Follow-up meetings are kindly requested for expeditious resolution of pending issues.

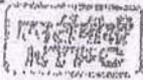
Similarly, reviews with other states, for land related issues, are requested at MOP level for expeditious resolution of issues.

The details of critical land issues, which need attention of State Govt. and intervention of MOP, are placed at **ANNEXURE**.

It is requested that review meeting for land related issues may be convened at MOP level, immediately after the Lok Sabha Elections for the concerned States especially Chattisgarh, Bihar & Jharkhand, along with the concerned District Administration officials.

Thanking You.


(S.K. Roy)
Director (Projects)



AGM(P)

5/4/2012

Smt S. Das,
DGM(ME)

5-4-12

एन टी पी सी लिमिटेड
(भारत सरकार का उद्यम)
NTPC Limited
(A Govt. of India Enterprises)

पूर्वी क्षेत्र-II मुख्यालय
Eastern Region-II Headquarters
भुवनेश्वर / Bhubaneswar

04.04.2012

The Principal Secretary,
Revenue & Disaster Management
Govt. of Odisha
Bhubaneswar.

Sub-" RIGHT OF USER" permission for Make Up Water Pipeline for Darlipali Super Thermal Power Project of NTPC Ltd In Sundargarh District.

Dear Sir,

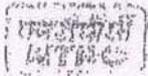
As you are kindly aware, NTPC is setting up 2x800 MW thermal power project at Darlipali village, Lephripada block of Sundargarh district. Land for Main plant, Ash Dyke, Township etc are in the process of acquisition.

Water Resource Department, Govt. of Odisha has already allotted 180cusec of water to NTPC for the said project. The water is to be drawn from Hirakud reservoir which is about 42km from the Darlipali project. Water shall be drawn through two no.s of under ground pipeline of 1400mm dia each, laid side by side approximately 1.5m below ground level. Since water is an essential input for running the plant, underground pipelines are envisaged which is safe, reliable & will also avoid the chances of sabotage. Once the pipelines are laid & buried, normal agriculture work can be continued as before on this land.

In this connection, it is to submit that we require a corridor of 50m on Right of Use basis to carry out the construction activities in the district of Sundargarh & Jharsuguda for a period of 2 years. This corridor consists of Private Government and Forest land. After the pipelines are laid & buried, the land could be returned to the owners for their normal use. You may please appreciate that once the lines are laid & buried, the portion of the land would not be of any use to NTPC.

Similar works on Right of Use basis were executed by NTPC in Kawas & Gandhar Gas projects in Gujarat and Sipat Super Thermal Power project in Chhattisgarh. Right of user approval was given to NTPC in both the states. (Chhattisgarh ROU Act is enclosed).

राज्य मंत्रालय, प्लॉट नं.-एन-17/2, ओ एल आई सी बिल्डिंग, नयापल्ली, भुवनेश्वर - 751 012, दूरभाष : 0674-2395328, फैक्स : 0674-2394857
3rd Floor, OLIC Building, Plot No. N-17/2, Nayapalli, Bhubaneswar - 751 012, Tele : 0674-2395328, Fax : 0674-2394857
पंजीकृत कार्यालय : एनटीपीसी भवन, स्कोप कॉम्प्लेक्स, 7, इंस्टीटयुशनल एरिया, लोदी रोड, नई दिल्ली-110003
Regd. Office : NTPC Bhawan, Scope Complex, 7, Institutional Area, Lodi Road, New Delhi-110003
दूरभाष / Tel : 011-24360100, फैक्स / Fax : 011-24361018, वेबसाइट / Website : www.ntpc.co.in



एन टी पी सी लिमिटेड
(भारत सरकार का उद्यम)

NTPC Limited
(A Govt. of India Enterprises)

पूर्वी क्षेत्र-II मुख्यालय
Eastern Region-II Headquarters
भुवनेश्वर / Bhubaneswar

Acquisition of land for Make up water pipeline work has not been envisaged in view of the following:

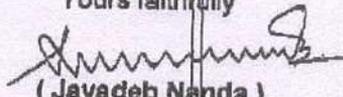
1. To minimise the quantity of land acquisition for the plant .
2. A small corridor of land is required for a length of 42km & prevention of encroachment on such land will not be possible.
3. Protection of land through any other means is not possible as the land is passing through midfields of two districts.
4. The land required shall not be of any use to NTPC subsequently

It is requested to provide in principle approval for access to NTPC Ltd for this land on the Right of User basis so as to complete the project within the scheduled period. On receipt of in principle approval as above, the detailed land schedules shall be submitted in the respective offices in Jharsuguda and Sundargarh Districts.

A line of confirmation as above is solicited please.

Thanking you.

Yours faithfully


(Jayadeb Nanda)
Regional Executive Director(ER-II)

Encl-As above

Copy for kind information:

Commissioner-cum-Secretary
Deptt. of Energy,
Govt. of Odisha
Bhubaneswar.

Copy : Shri S. K. Reddy
GM (Davalipali)

तृतीय मंजिल, प्लॉट नं.-एन-17/2, ओ एल आई सी बिल्डिंग, नयापल्ली, भुवनेश्वर - 751 012, दूरभाष : 0674-2396326, फैक्स : 0674-2394857
3rd Floor, OLC Building, Plot No. N-17/2, Nayapalli, Bhubaneswar - 751 012, Tele : 0674-2395326, Fax : 0674-2394857
पंजीकृत कार्यालय : एनटीपीसी भवन, स्कोप कॉम्प्लेक्स, 7, इन्स्टीटयुशनल एरिया, लोधी रोड, नई दिल्ली - 110003
Regd. Office : NTPC Bhawan, Scope Complex, 7, Institutional Area, Lodi Road, New Delhi-110003
दूरभाष / Tel : 011-24360100, फैक्स / Fax : 011-24361018, वेबसाइट / Website : www.ntpc.co.in



एनटीपीसी लिमिटेड
(भारत सरकार का उद्यम)

NTPC Limited
(A Govt. of India Enterprise)

Darlipali Super Thermal Power Project
P. O. : Sundargarh (Odisha)

Dtd. 04.02.2014

To
The Additional Chief Secretary
Dept. of Revenue & Disaster Management
Govt. Of Odisha
Bhubaneswar

Sub-"RIGHT OF USER" permission for Make-Up-Water Pipeline for Darlipali Super Thermal Power Project of NTPC Ltd. in Sundargarh District

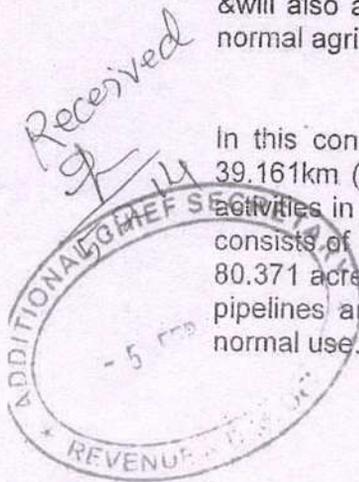
Ref : Letter from NTPC Ltd. dtd 04.04.2012 (copy enclosed)

Respected Sir

As you are kindly aware, NTPC is setting up 2x800 MW Thermal Power Project at Darlipali village, Lephripara block of Sundargarh district. Certificate of possession for 1237.67 acres of private land & Lease proposal for 200.37 acre of govt. land has already been approved by GoO.

Water Resource Department, Govt. of Odisha has already allotted 120 cusec quota of water to NTPC for the said project. The water is to be drawn from Hirakud reservoir which is about 40km from the Darlipali project. Water shall be drawn through **two no.s of underground pipeline** of 1400mm dia each, laid side by side approximately 1.5m below ground level. Since water is an essential input for running the plant, underground pipelines are envisaged which is safe, reliable & will also avoid the chances of sabotage. Once the pipelines are laid & buried, normal agriculture work can be continued as before.

In this connection it is to submit that we require a corridor of 50m of length 39.161km (483.844 acres) on **Right of User** basis to carry out the construction activities in the district of Sundargarh & Jharsuguda for **three years**. The corridor consists of Private Land (249.267 acre), Government land (182.885 acre including 80.371 acre under Hirakud reservoir area) & Forest land (51.692 acres). After the pipelines are laid & buried, the land could be returned to the owners for their normal use.





एनटीपीसी लिमिटेड
(भारत सरकार का उद्यम)

NTPC Limited
(A Govt. of India Enterprise)

Darlipali Super Thermal Power Project
P. O. : Sundargarh (Odisha)

It is requested to provide approval for access to NTPC Ltd for this land on the **Right of User basis** so as to complete the project within the scheduled period.

The following documents are being submitted for your reference

Volume- I

- 1- Water drawal scheme
- 2- Topographical Survey Report of proposed MUW pipeline corridor

Volume- II

- 1- Pipeline Corridor super imposed on Revenue maps
- 2- Full Land Schedule of corridor for RoU

A line of confirmation as above is solicited please.

Thanking you.

(S.K.Reddy)

General Manager

NTPC Ltd, Darlipali STPP

Encl-As above

2012

**GOVERNMENT OF ODISHA
DEPARTMENT OF ENERGY**

No. 1822 /En., Bhubaneswar, dated the 28th Feb, 2014.
NTPC-9/2013

From

Sri Sangramjit Nayak,
Joint Secretary to Govt.

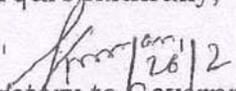
To The Collector, Sundargarh/
Collector, Jharsuguda

Sub:- Administrative approval for make up water pipe line
Corridor of NTPC, Darlipali STPP for water intake from
Hirakud Reservoir.

Sir,

I am directed to enclose a copy of letter dated. 13.2.2014
alongwith the enclosures received from the General Manager; NTPC
Ltd., Darlipali STPP on the subject noted above and request you to
furnish your views/ proposal in the matter to this Department
immediately.

Yours faithfully,


Joint Secretary to Government



एनटीपीसी लिमिटेड
(भारत सरकार का उद्यम)

NTPC Limited

(A Govt. of India Enterprise)

Darlipali Super Thermal Power Project
P. O. : Sundargarh (Odisha)

To
The Principal Secretary
Department of Energy
Govt. of Odisha
Bhubaneswar

Date- 13.02.2014

Subject – **Administrative approval for Make-up-water pipeline corridor of NTPC, Darlipali STPP for water intake from Hirakud Reservoir**

Respected Sir,

NTPC Ltd is setting up 2 x 800 MW Thermal Power Plant at Darlipali village of Lephripara block of Sundargarh district. Water Resources Dept., GoO has allocated water for the project from Hirakud reservoir (Copy of approval letter enclosed). For water intake, 2 x 1000 mm dia. underground pipelines are to be laid from Hirakud reservoir to the project at Darlipali, Sundargarh through Jharsuguda district.

The proposed intake pump house is located inside submerged area but at an elevation of RL 195.6m (dam top level). In this connection it is to submit that **we require a corridor of 50m of approx. 42km length (approx. 525 acres) on Right of User basis for three years** to carry out the construction activities, in the district of Sundargarh & Jharsuguda. The corridor consists of Private Land (approx. 278 acre), Government land (approx.195 acre including submerged land of Hirakud reservoir) & Forest land(approx. 52 acres) . After the pipelines are laid & buried, the land could be returned to the owners for their normal use.

It is requested to accord **administrative approval** for NTPC Ltd to use this land on the **Right of User basis**. Village wise required area (Annexure-I) along with pipe route on topo sheet is enclosed.

Thanking you.
Yours truly

(S.K.Reddy)
General Manager

NTPC Ltd, Darlipali STPP



Transforming lives

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(भारत सरकार का उद्यम)

NTPC Limited
(A Govt. of India Enterprise)

Darlipali Super Thermal Power Project
P. O. : Sundargarh (Odisha)

Dtd. 27.03.2014

To
The Additional Chief Secretary
Dept. of Revenue & Disaster Management
Govt. Of Odisha
Bhubaneswar

Sub- Grant of "**Right-of-Way for Private Land** for Make-Up-Water Pipeline of
Darlipali Super Thermal Power Project of NTPC Ltd. in Sundargarh District

Ref : Letter from NTPC Ltd. dtd 04.02.2014 (copy enclosed)

Respected Sir

As you may be kindly aware, NTPC is setting up 2x800 MW Thermal Power Project at Darlipali village, Lephripara block of Sundargarh district. Water Resource Department, Govt. of Odisha has already allocated 95 cusec quota of water to NTPC for the said project. The water is to be drawn from Hirakud reservoir which is about 40km from the Darlipali project, through **two no.s of underground pipeline** of 1000mm dia each, laid side by side approximately 1.5m below ground level. Once the pipelines are laid & buried, normal agriculture work can be continued as before.

In this connection we have submitted a proposal for approval for a suitable corridor of 40km length on **Right-of-Way** basis for pipeline laying in the district of Sundargarh & Jharsuguda **for three years**. The corridor consists of Private Land (51%), Government land (38%) & Forest land (11%).

Recently R & DM Department, GoO has issued an Order No.6383 dated 25th Feb 2014(copy enclosed) on the subject which provides adequate guidelines for grant of Right-of-way on Govt. /Forest land, but does not cover private land, which is equally important for successful completion of any project. In case of our project also the proposal involves approx. 51% private land. Therefore it is requested to provide the **guidelines for grant of Right-of-way for private land** as well.

With regards

Yours sincerely

(Pramed Kumar)

General Manager (I/C)

NTPC Ltd, Darlipali STPP



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(एन टी पी सी लिमिटेड)
NTPC Limited
(A Govt. of India Enterprise)

Darlipali STPP

Date: 16.09.2014

To

Dr. Tara Dutt, I.A.S.,
Additional Chief Secretary
Government of Odisha.
Bhubaneswar.

Sub: ROU for private land

Respected Sir

NTPC Ltd, a Maharatna Company of Govt. of India, is in the midst of land acquisition process for setting up of a 2x800 MW Thermal Power Project in the villages of Darlipali and Raidihi in the Sundargarh district in the state of Odisha, a significant step towards the energy security of the nation. This project involves a quantum of 239.845 acres of private land for which Right of use is being sought.

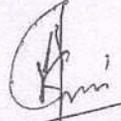
It is humbly submitted that an early ROU for water pipe line in private land is very essential which would in turn facilitate the timely operation of the units.

In this regard, it is apt to bring to your notice a decision taken during the meeting of the Steering Committee held under the chairmanship of the Chief Secretary of Odisha on 26th June, 2014 for the review of the progress of various units being set up by OPGC, UMPP and NTPC respectively. As per the MoM issued it was decided to issue guidelines/rules for Right of Use on private land for pipe line purposes on priority.

It is hereby requested that the responsible echelons are suitably advised to expedite the enactment of the legislation in this regard which would in turn will go a long way in accelerating the progress of the upcoming power project.

Thanking you,

Yours faithfully,


(PRAMOD KUMAR) 16.09.14
General Manager (I/C)



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(भारत सरकार का उद्यम)
NTPC Limited
(A Govt. of India Enterprise)

Darlipali Super Thermal Power Project
Sundargarh, ODISHA.

Date- 24.09.2014

Ref: NTPC/DSTPPI/570

To,

The Collector & District Magistrate,
Sundargarh.

Sub- Proposal of Private Land for MUW Pipeline & 132 KV Transmission Line
corridor of NTPC, Darlipali Super Thermal Power Project.

Respected Sir,

As you are aware, water for Darlipali STPP is to be drawn from Hirakud reservoir which is about 40km from the Darlipali project. Water shall be drawn & pumped through two numbers of underground pipelines & for meeting the power requirement of pumping, two numbers of 132KV Transmission lines are proposed along the pipeline corridor.

The pipe line corridor includes the Non-forest Govt. land, Forest land, WRD land & Private land. The Proposals for Right of User / Right of way on Non-forest Govt., Forest land & WRD land are already in the process of approval. R&DM Dept. has confirmed that, formulation of uniform guide line for RoU / RoW on private land is under consideration of Govt. (letter no. GE (Sund)-06-2014-8235/R&DM dated 14.03.14 is enclosed as Annexure-I). However during a recent meeting with Addl. Chief Secretary, R&DM, GoO, we have been told that, formulation of act for ROU on private land is going to take considerable time and it has been suggested to directly negotiate with the land owners of the affected private land in the villages of Tahasil Lephripara & Hemgir for getting necessary RoU easily. (Abstract of village wise affected land and map is enclosed herewith as Annexure-II)

Therefore, we now request your kind good self to extend necessary administrative support for enumeration of trees, finalisation of land rate, crop compensation, etc. whichever required on case to case basis during the process of negotiation with the villagers, for which we will be grateful to you.

Thanking you, with regards.

Yours faithfully,

(Pramod Kumar)
General Manager (I/C)

Office: 3RD Floor, Amba Towers, Hospital Road, Sundargarh-770001 (ODISHA), Tel: 06622-272472, Fax: 06622-272473
Eastern Region-II Head Quarters: 3rd & 4th Floor, OLIC Building, N-17/2, Nayapali, Bhubaneswar-750012
Regd. Office: NTPC Bhawan, SCOPE Complex, 7, Institutional Area, Lodi Road, New Delhi-110003



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भारत सरकार का उद्योग
NTPC Limited
(A Govt. of India Enterprise)

Darlipali Super Thermal Power Project
Sundargarh, ODISHA.

Ref: DSTPP/MUW/RoU-Pvt/ 5138

Date- 06.07.2015

To,
The Collector & District Magistrate,
Sundargarh.

Sub- **RoU of Private Land** for MUW Pipeline & 132 KV Transmission Line corridor of NTPC,
Darlipali Super Thermal Power Project.

Respected Sir,

This has reference to the discussion undersigned had with your good self on 04.07.2015 on the subject matter.

Water for Darlipali STPP is to be drawn from Hirakud reservoir which is about 40km from the Darlipali project. Water shall be drawn & pumped through two numbers of underground pipelines of 1000mm diameter each. Two numbers of 132KV Transmission lines are also to be constructed along the pipeline corridor for meeting the power requirement of pump house proposed to be constructed near the Hirakud Reservoir.

The pipe line corridor includes the Non-forest Govt. land, Forest land, WRD land and Private land. The Proposals for Right of Use / Right of Way on Non-Forest Govt. land and WRD land has already been sanctioned in favour of NTPC as per the RoU act of GoO vide No.- 6383/R&DM, Bhubaneswar dated 25.02.2014 and the RoU on Forest land is in the process of approval. But for RoU on Private land, there is no such Act in the state of Odisha, for which availability of Private land has become critical.

NTPC is now setting up a Thermal Power Project of 3X800MW at Kudgi in the state of Karnataka. As under stood, in Karanataka, there is no such Act for RoU on Private land. However, in that project for laying underground water pipe line and erecting Power Transmission line Deputy Commissioner, Vijayapura of Karnataka had passed an order for RoU of Private land specifying the terms and conditions and compensation to be paid. In line with this order, subsequently an agreement was signed between land owners and NTPC. Copy of the order of Deputy Commissioner, Vijayapura, Karnataka is enclosed herewith for you kind perusal.

Office: 3rd Floor, Amba Towers, Hospital Road, Sundargarh-770001 (ODISHA), Tel: 06622-272472, Fax: 06622-272473
Eastern Region-II Head Quarters: 3rd & 4th Floor, OLIC Building, N-17/2, Nayapali, Bhubaneswar-750012
Regd. Office: NTPC Bhawan, SCOPE Complex, 7, Institutional Area, Lodi Road, New Delhi-110003

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(भारत सरकार का उद्यम)
NTPC Limited
(A Govt. of India Enterprise)

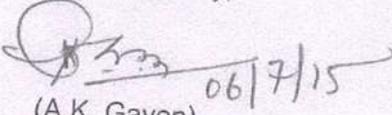
Darlipali Super Thermal Power Project
Sundargarh, ODISHA.

It is therefore requested to extend necessary administrative support by your good office in similar manner for RoU of Private land. It is also requested to extend administrative support while carrying out negotiation with the land owners by NTPC.

The detail land schedule of the affected area in the villages Darlipali & Kanaktora of Tahasil Lephripara & Hemgir respectively is enclosed herewith.

Thanking you.

Yours faithfully,


(A.K. Gayen)
General Manager (Project)



एन टी पी सी लिमिटेड
भारत सरकार का उद्यम
NTPC Limited
(A Govt. of India Enterprise)

Darlipali Super Thermal Power Project
Sundargarh, ODISHA.

Ref: DSTPP/MUW/RoU-Pvt/ 5803

Date- 23.07.2015

To,
The Collector & District Magistrate,
Jharsuguda.

Sub- RoU of Private Land for MUW Pipeline & 132 KV Transmission Line corridor of NTPC,
Darlipali Super Thermal Power Project.

Respected Sir,

With reference to the subject cited above, we are to inform you that, water for Darlipali STPP is to be drawn from Hirakud Reservoir which is about 40km from the Darlipali project. Water shall be drawn & pumped through two numbers of underground pipelines of 1000mm diameter each. Two numbers of 132KV Transmission lines are also to be constructed along the pipeline corridor for meeting the power requirement of pump house proposed to be constructed near the Hirakud Reservoir.

The pipe line corridor includes the Non-forest Govt. land, Forest land, WRD land and Private land. The Proposals for Right of Use / Right of Way on Non-Forest Govt. land and WRD land has already been sanctioned in favour of NTPC as per the RoU act of GoO vide No.- 6383/R&DM, Bhubaneswar dated 25.02.2014 and the RoU on Forest land is in the process of approval. But for RoU on Private land, there is no such Act in the state of Odisha, for which availability of Private land has become critical.

NTPC is now setting up a Thermal Power Project of 3X800MW at Kudgi in the state of Karnataka. As under stood, in Karanataka, there is no such Act for RoU on Private land. However, in that project for laying underground water pipe line and erecting Power Transmission line Deputy Commissioner, Vijayapura of Karnataka had passed an order for RoU of Private land specifying the terms and conditions and compensation to be paid. In line with this order, subsequently an agreement was signed between land owners and NTPC. Copy of the order of Deputy Commissioner, Vijayapura, Karnataka is enclosed herewith for you kind perusal.

Office: NTPC Ltd., Darlipali Super Thermal Power Project, Darlipali, Sundargarh-770072 (ODISHA)
Eastern Region-II Head Quarters: 3rd & 4th Floor, OLC Building, N-17/2, Nayapali, Bhubaneswar-750012
Regd. Office: NTPC Bhawan, SCOPE Complex, 7, Institutional Area, Lodi Road, New Delhi-110003



एन टी पी सी लिमिटेड
(भारत सरकार का उद्यम)
NTPC Limited
(A Govt. of India Enterprise)

Darlipali Super Thermal Power Project
Sundargarh, ODISHA.

It is therefore requested to extend necessary administrative support by your good office in similar manner for RoU of Private land. It is also requested to extend administrative support while carrying out negotiation with the land owners by NTPC.

The detail land schedule of the affected area of the villages in Jharsuguda District of Tahasil Jharsuguda & Lakhanpur is enclosed herewith.

Thanking you.

Yours faithfully,

(Pramod Kumar)
Group General Manager,
Darlipali Super Thermal Power Project.



ପାରାମୁଖ୍ୟ ବିଭାଗ
(ପୂର୍ବ ପକ୍ଷ)

NTPC Limited
(A Government of India Enterprise)

ଓଡ଼ିଶା ସମ୍ପଦ
ଓଡ଼ିଶା ବିଭାଗ - ଉପାଧ୍ୟକ୍ଷାଳୟ
ଓଡ଼ିଶା, ଭୁବନେଶ୍ୱର

Ref: NTPC/ER-IV
Date: 22nd April 2015

Shri S C Mohapatra
Principal Secretary
Department of Energy
Govt. of Odisha
Bhubaneswar

Sub: NTPC plants in Odisha

Dear Sir,

We express our sincere thanks to Government of Odisha for the continuing help we are getting to have a very smooth working environment in the operating stations viz., 3000 MW Talcher Super Thermal Power Station, 450 MW Talcher Thermal Power Station and 10 MW Talcher Solar Plant, as well as the 1600 MW Darnipali project under construction. We would like to reiterate our commitment to the development of power sector in Odisha.

There are certain issues as listed in the enclosed Annexure, for which we request help from Government of Odisha towards early resolution of the same. We would be grateful if a review meeting is convened with all concerned to address these issues.

With warm regards,

Yours sincerely

ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ବିଭାଗର ମୁଖ୍ୟ ସଚିବଙ୍କୁ, ଭୁବନେଶ୍ୱର - ଓଡ଼ିଶା, ଓଡ଼ିଶା ସରକାରଙ୍କୁ ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ବିଭାଗର ମୁଖ୍ୟ ସଚିବଙ୍କୁ
ମୁଖ୍ୟ ସଚିବଙ୍କୁ, ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ବିଭାଗ, ଭୁବନେଶ୍ୱର-୭୫୧ ୦୦୧, ଓଡ଼ିଶା, ଓଡ଼ିଶା ସରକାରଙ୍କୁ ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ବିଭାଗର ମୁଖ୍ୟ ସଚିବଙ୍କୁ
ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ବିଭାଗର ମୁଖ୍ୟ ସଚିବଙ୍କୁ, ଭୁବନେଶ୍ୱର - ଓଡ଼ିଶା, ଓଡ଼ିଶା ସରକାରଙ୍କୁ ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ବିଭାଗର ମୁଖ୍ୟ ସଚିବଙ୍କୁ
ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ବିଭାଗର ମୁଖ୍ୟ ସଚିବଙ୍କୁ, ଭୁବନେଶ୍ୱର - ଓଡ଼ିଶା, ଓଡ଼ିଶା ସରକାରଙ୍କୁ ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ବିଭାଗର ମୁଖ୍ୟ ସଚିବଙ୍କୁ

Issues pertaining to NTPC Eastern Region - II

28.04.2015

Sl. No.	Issue	Description
1.0	Darlipali (2x1.1 P 540W):	
		Main plant was awarded in February 2014. At present construction work at site is progressing in full swing. Synchronisation of the first unit is scheduled in June 2017 for which testing / commissioning activities are anticipated to start in 2016. For this the following issues need to be resolved at the earliest.
01.	Right of Way for laying intake water pipeline on private land	A 40 Km long underground make-up water pipeline is required to be laid to meet the water needs of the project for which the work has already been awarded. About 20 Km stretch is passing through private land for which 'Right of Way' Act is required, on the lines of similar act followed in several other States. It is understood that the same has already been formulated by Revenue & DM Deptt., cleared by Law Deptt. and is awaiting approval of Cabinet Sub-Committee before being placed in Odisha Assembly. Since clearance from Assembly may be possible in next session only, Govt. of Odisha may kindly consider alternate route (such as ordinance) to notify the operational part, in view of urgency of the matter. The project is likely to get delayed in absence of the same. The principles for according approval for 'Right of Way' on Govt. land have already been formulated by Govt. of Odisha in February 2014.
02.	Area for intake water pump house of Darlipali project and laying of underground make-up water pipe in WRD area	Work for pump house erection, including installation of pumping devices with associated pipeline, has already been awarded. On receiving the clearance from WPD of the 6.74 acres of land for the pump house and permission of pipe laying, the work can commence.
03.	Shifting of 220 Kv line by OPTCL	The 220 Kv line is required to be shifted for timely completion of site leveling work for handing over of working fronts to various agencies. The work progress is slow which needs to be expedited. 31 towers to be erected. No tower erected so far. Preliminary excavation / foundation work started for a few towers.
04.	Law and order situation	Construction materials are being stolen by miscreants from the plant area. Assistance needed to ensure security of the plant area. If so decided by Govt. of Odisha, NTPC is prepared to bear the cost of deployment of additional police personnel exclusively for Darlipali plant.
2.0	Talcher Thermal PS (460 MW):	
01.	Stoppage of work at Ash Dyke of Talcher Thermal PS by nearby villagers demanding permanent employment	280.726 acres of land (Includes 265.991 Acres of Private Land) was handed over in 2004 by Govt. to NTPC for construction of Ash Dyke. Rehabilitation package for these PAPs (261 Nos.) was decided in 5 th RPDAC held on 02.02.2010 in line with NALCO package. Till now, the disbursement of RG has been completed to 200 SAPs and 61 nos. are yet to accept the same as they are demanding for employment in NTPC. Presently, laying of pipelines for contingency ash dyke is stopped by the villagers, which is quite essential in lieu of the recent Green Tribunal verdict on mine backfilling issues.



A Maharatna Company



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(भारत सरकार का उद्यम)

NTPC Limited

(A Govt. of India Enterprise)

पूर्वी क्षेत्र-II मुख्यालय

Eastern Region-II Headquarters

भुवनेश्वर / Bhubaneswar

Ref : NTPC/ER-II/

Date : 30th September 2015

Shri S C Mohapatra,
Principal Secretary,
Department of Energy,
Govt. of Odisha,
Bhubaneswar

Sub : Darlipalli STPP (2 x 800 MW).

Dear Sir,

We would like to express our sincere thanks to Government of Odisha for the continuing help to us in maintaining a very smooth working environment in our operating stations and construction projects viz., 3000 MW Talcher Super Thermal Power Station, 460 MW Talcher Thermal Power Station, 10 MW Talcher Solar Plant, and 1600 MW Darlipali project.

In this regard, we had listed a few issues vide our letter dated 23rd April 2015 (copy enclosed). An updation of issues concerning Darlipali is enclosed. We would be grateful if a review meeting is urgently convened with all concerned to address these issues.

With regards,

Yours sincerely

(Arvind Kumar)

Regional Executive Director

Sl. No.	Issue	Description
01.	Conversion of Bill into Act for ROU for laying of Make Up water pipeline	The Odisha Underground Pipelines, Cable & Duct (Acquisition of Right of User in Land) Bill, 2015 has been passed in Odisha Assembly recently. NTPC Darlipali project, requires approximately 236 acres of Private land for laying of Make Up Water Pipeline from Hirakud Reservoir to Darlipali Plant site in Sundergarh District. This pipeline work is coming under the critical path for commissioning of this 1600 MW Power Project. ROU/ROW permission for approx. 183 acres of Govt./ WRD land has already been received. The said work cannot be commenced as the Private & Govt. land is available in patches. Support requested in this regard for speedily expediting the passing of this Bill into an Act.
02.	Administrative approval for Railway Siding Private land Sundargarh (56 acres) & Jharsuguda (21 acres)	Applied for administrative approval for Private land (77 acre) of Railway siding on 07.05.15 to Principal Secy, Energy Govt. Of Odisha. Reply from Collector Sundergarh on query raised was sent to Energy Deptt. on 27.08.15. Reply from Collector, Jharsuguda yet to be sent to Energy Deptt.
03.	220 KV line diversion issue	<p>The progress of 220 KV line diversion work is presently slow. Out of 31 Towers, foundation of 16 towers and erection of 8 towers have been completed so far. Foundation of 17th tower is in progress. Foundation for the 18th tower is likely to be completed by 1st week of october. Presently though site is available for completing foundation of another 3 towers, due to non-availability of agency the work has not been taken up.</p> <p>OPTCL has awarded the work to three agencies- M/s Abhisekh, M/s SC Dhal and M/s Jagmohan.</p> <p>It is understood that M/s S C Dhal who was allotted the job of Tower no. 12 to 22 is unwilling to carry out the balance works. Alternate agency needs to be engaged by OPTCL in place of M/s S C Dhal.</p> <p>Also, M/s Abhisekh Construction has diverted his gang to other site which needs re- mobilisation at Darlipali site.</p> <p>Structure materials are to be shifted from other sites to Darlipali by OPTCL as materials for Darlipali had been shifted to other sites.</p> <p>Out of 9 Towers in Forest Land, foundation of 5 Nos. has been completed. (Refer-Annexure- Work status 220 KV line diversion status).</p> <p>In this regard, letter dated 29/08/2015 addressed to CGM(O&M), OPTCL may be referred (enclosed).</p>

GOVERNMENT OF ODISHA
REVENUE AND DISASTER MANAGEMENT DEPARTMENT

No. GE(GL)-S- 04/2016/ 10956 /R&D.M Dated the 6th April, 2016

From

Dr. Mona Sharma, IAS
Principal Secretary to Government

To

Collectors,
Jharsuguda and Sundargarh

Sub: "Right of User" permission on private land for make-up water and transmission line Corridor for Darlipali STPP, NTPC

Sir,

NTPC Ltd is setting up 2X800 MW Thermal Power Project at Darlipali village of Lephripara Tahasil in Sundargarh District. Government in Water Resources Department has allocated 95 cusec quota of water to NTPC to be drawn from the Hirakud Reservoir, about 40 km away from the project through underground pipeline. Besides, NTPC proposes to construct 02 numbers of 132 kv transmission lines along the water pipeline corridor for meeting the power requirement of the pump house pOroposed to be constructed near the reservoir.

2. Transmission of electricity is governed under the Electricity Act, 2003 read with the India Telegraph Act, 1885. The Odisha Underground Pipelines, Cable and Duct (Acquisition of Right of User in Land) Bill, 2015 has been passed in the Odisha Legislative Assembly, but has not come into force as it is pending for President's Assent. The NTPC has cited the procedure followed in Karnataka with the difference that NTPC has agreed in writing to pay enhanced compensation at the rate suggested in the aforesaid Bill.

3. Water is a vital input, without which commissioning of the power plant is not possible and the Darlipali project is at a critical stage to be commissioned by the end of this year. Besides, the State Government will have 50% share of the total 1600 MW power to be generated from this project. NTPC has applied to Government of Odisha for considering granting Right of User in private land for the project.

4. Government, after careful consideration, have been pleased to authorize the concerned Collectors (Jharsuguda and Sundargarh) to issue appropriate orders u/s 16(1) of the Indian Telegraph Act, 1885 r/w section 164 of the Electricity Act, 2003 for acquisition of right of user in respect of private property with proper compensation and subject to the following conditions;

- i. The width of the underground pipeline Corridor shall be maximum 50 mtrs and the depth of the pipeline shall be 1.5 mtrs from the ground level.
- ii. No pipeline shall be laid under

- (a) any land which, immediately before the date of the Order was used for residential purposes;
 - (b) any land having potential value for house site,
 - (c) any land on which there stands any permanent structure, which was in existence immediately before the said Order of Collector;
 - (d) any land which is appurtenant to a dwelling house;
- iii. After laying the underground pipeline, the land shall be levelled and restored as good as before, by the Corporation, and the possession of land shall be handed over to the owner or occupier of the land by the competent authority and in this regard, the competent authority shall obtain the possession handing over certificate from the land owner or occupier.
- iv. The owner or occupier of the land, after possession is handed over (restored) under sub-para (iii) above, be entitled to use the land for the purpose for which such land was put to use immediately before the date of the order.

Provided that such owner or occupier shall not, after the order above, --

- (i) construct any building or any other structure;
 - (ii) construct or excavate any tank, well, reservoir or dam; or
 - (iii) plant any tree on that land.
 - (iv) shall not do any act or permit any act to be done which will or is likely to cause any damage in any manner whatsoever to such pipeline,
- v. Where any damage, loss or injury is sustained by any person interested in the land under which the pipeline is proposed to be, or is being, or has been laid, the Corporation shall be liable to pay compensation to such person for such damage, loss or injury the amount of which shall be determined by the Collector. While determining such compensation, he shall have due regard to the damage or loss sustained by reason of, --
- a) the removal of trees or standing crops, if any, on the land,
 - b) the temporary severance of the land under which the pipeline, has been laid from other lands belonging to, or in the occupation of, such person; or
 - c) any injury to any other property, whether movable or immovable, or the earnings of such persons caused in any other manner:

Provided that in determining the compensation, no account shall be taken of any structure or other improvement made in the land after the date of the order.

v. Where the right of user of any land has vested in the Corporation, the Corporation shall, in addition to the compensation for damages as above, if any, be liable to pay to the owner and to any other person whose right of enjoyment in that land has been affected in any manner whatsoever by reason of such vesting, compensation calculated at twenty-five percent of the market value of that land on the date of the Order.

a. The market value of the land on the said date shall be determined by the competent authority. For the purpose of this sub-section, the market value of the land means the Bench Mark Value determined as per the guidelines prescribed under the Odisha Stamp

Rules, 1952. Where the competent authority is of the opinion that the Bench Mark Value is not the correct indicator of market value due to increase in market price, he shall take into consideration the average of last three higher sale transaction to decide the value.

b. The competent authority having determined the compensation impose a "solatium" amount equivalent to one hundred percent of the said compensation amount which shall also be payable by the Corporation to the owner and to any other person whose right of enjoyment in that land has been affected in any manner whatsoever by reason of such vesting.

vi. Compensation for RoU (laying of underground pipelines with transmission lines) shall be uniform and shall be considered for entire width of 50 meters corridor.

vi. The compensation amount so fixed along with solatium shall be paid in full before commencement of the work.

(Copy of the relevant extracts of the Electricity Act and the Telegraphs Act are enclosed for your reference.)

You are requested to take immediate steps to pass appropriate Order for grant of Right of User in private land for Darlipali project of NTPC.

Yours faithfully,

Mane Sharma 1/3

Principal Secretary to Government

Memo No. 10957 /RDM dated 06.04.16

Copy forwarded to Ps to ACS to Chief Minister for kind perusal of Hon'ble CM/ PS to Minister, R&DM for kind perusal of Hon'ble Minister/ OSD to CS for kind perusal of Chief Secretary

Mane Sharma

Principal Secretary to Government.

Memo No. 10958 /RDM dated 06.04.16

Copy forwarded to Principal Secretary to Government, DoWR/ Energy Department for information and necessary action.

Mane Sharma

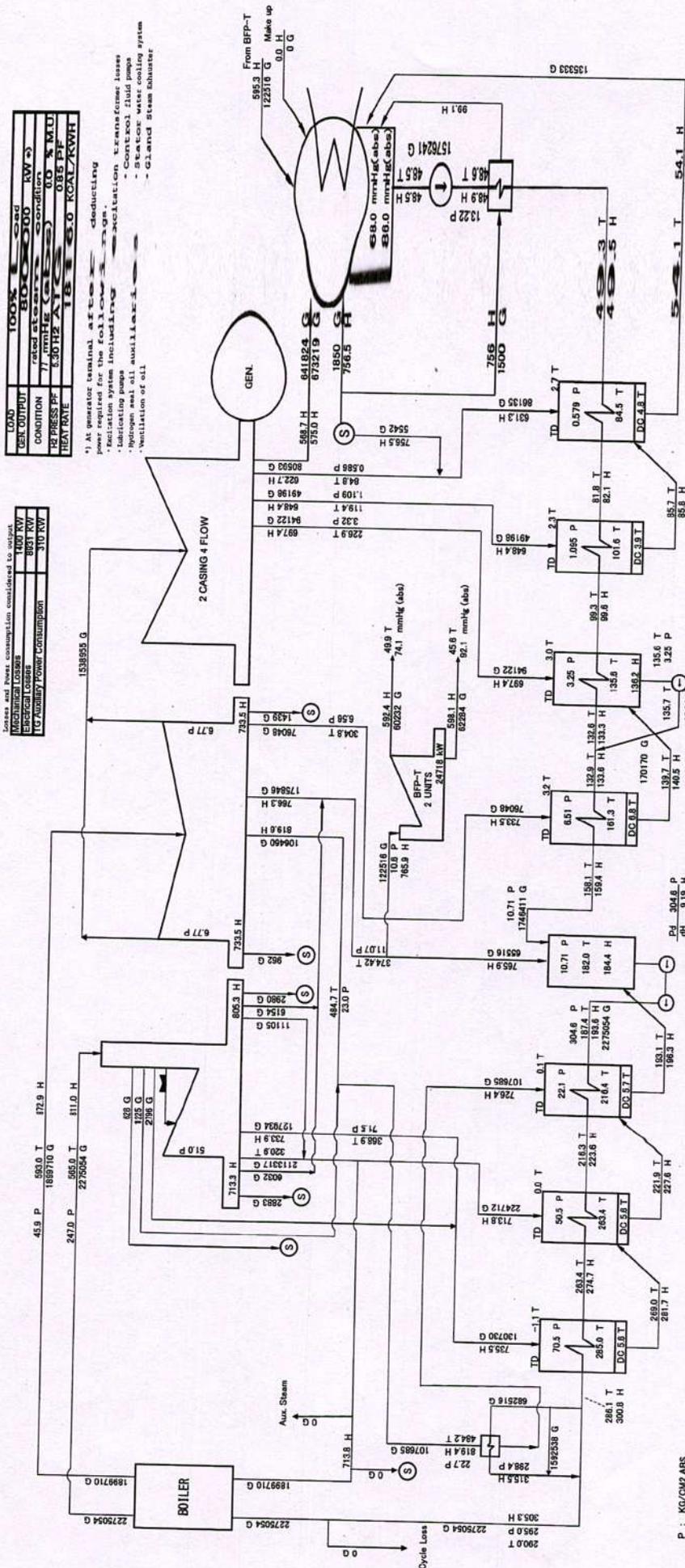
Principal Secretary to Government

Memo No. 10959 /RDM dated 06.04.16

Copy forwarded to RDC (ND) / CMD, OPTCL/ Group General Manager, Darlipali, STTP, NTPC for information and necessary action.

Mane Sharma

Principal Secretary to Government



LOAD	1500KW	Dead
GEN OUTPUT	1400 KW	800 KW
MECHANICAL LOSSES	800 KW	310 KW
CONDENSER	17 mmHg	Condenser
REPRESS PF	3.0H2	0.0
HEAT RATE	18160	KCAL/KWH

Losses and Power consumption considered to output
Mechanical Losses
Condenser
TO Auxiliary Power Consumption

- *1) At generator terminal, at the conducting power required for the following:
 - Excitation system including
 - Lubricating pumps
 - Hydrogen seal oil circulation
 - Stator water cooling system
 - Ventilation of oil
 - Excitation transformer losses
 - Condenser fluid losses
 - Stator water cooling system
 - Gland steam blower

209

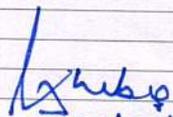
P : KG/CM2 ABS
G : KG/HR
T : DEG.C
H : KGAL/KG

Note: (S) is a representation of the Steam Seal System

(2275054 X 811.0 + 1899710 X 872.9)
- (2275054 X 305.3 + 1899710 X 719.8)
142786869 / 800000 = 18160

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TOSHIBA CORPORATION

APPROVED BY	Y. Dta	Deripal Star Thermal Power Project	800000	KW	REHEAT
CHECKED BY	M. K. M	STAGE-1 (2266MW)	HEAT	BALANCE	TURBINE
DESIGNED BY	07-8-14	TOSHIBA CORPORATION	DAN1-1TMB	322-100-0002	DIAGRAM
	07-8-14				REV2

Form-I	
Particulars	
1. Name of the Petitioner/Applicant	NTPC Limited
2. Address of the Petitioner/Applicant	NTPC Bhawan, Core-7, Scope Complex, 7, Institutional Area, Lodhi Road, New Delhi-110003
3. Subject Matter	Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-V of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and Chapter-3, Regulation-9 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for approval of tariff of Darlipalli Super Thermal Power Station Stage-I (2x800 MW) for the period from anticipated date of Commercial Operation of the Unit-I (i.e. 01.03.2020) to 31.03.2024.
4. Petition No., if any	-
5. Details of generation assets	Not Applicable
(a) generating station/units	Darlipalli STPS Stage-I (2x800MW)
(b) Capacity in MW	1600
(c) Date of commercial operation	Anticipated CoD Unit-I: 01.03.2020
(d) Period for which fee paid	From Anticipated CoD to 31.03.2020
(e) Amount of fee paid	442500
(f) Surcharge, if any	-
6. Details of transmission assets	Not Applicable
(a) Transmission line and sub-stations	-
(b) Date of commercial operation	-
(c) Period for which fee paid	-
(d) Amount of fee paid	-
(g) Surcharge, if any	-
7. Fee paid for Adoption of tariff for	Not Applicable
(a) Generation asset	-
(b) Transmission asset	-
8. Application fee for licence	Not Applicable
(a) Trading licence	-
(b) Transmission licence	-
(c) Period for which paid	-
(d) Amount of fee paid	-
9. Fees paid for Miscellaneous Application	-
10. Fees paid for Interlocutory Application	Not Applicable
11. Fee paid for Regulatory Compliance petition	Not Applicable
12. Fee paid for Review Application	Not Applicable
13. Licence fee for inter-State Trading	Not Applicable
(a) Category	-
(b) Period	-
(c) Amount of fee paid	-
(d) Surcharge, if any	-
14. Licence fee for inter-State Transmission	Not Applicable
(a) Expected/Actual transmission charge	-
(b) Period	-
(c) Amount of fee calculated as a percentage of transmission charge.	-
(d) Surcharge, if any	-
15. Annual Registration Charge for Power Exchange	Not Applicable
(a) Period	-
(b) Amount of turnover	-
(c) Fee paid	-
(d) Surcharge, if any	-
16. Details of fee remitted	
(a) UTR No.	CMS1395778464
(b) Date of remittance	13-Feb-2020
(c) Amount remitted	Rs. 442500
Note: While Sl. Nos. 1 to 3 and 16 are compulsory, the rest may be filled up as applicable	
Signature of the authorized signatory with date	 26/02/2020